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# THE INDUSTRIOUS HEN

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Louisville-----Kentucky



## THE Industrious Hen

Absorbing Poultry Ideas, Louisville, Ky.; Practical Poultry, Birmingham, Ala.; The Poultry Times, Norfolk, Va.; Southern Poultry Magazine, Nashville, Tenn.; The Poultry News, Bustleton, Pa.; Tennessee Poultry Journal, Lebanon, Tenn.; The National Poultry Breeder, Owensboro, Ky.; Everybody's Poultry Journal, Nashville, Tenn.

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PUBLISHERS' ANNOUNCEMENT—All manuscript and copy for change of advertisements should be in our hands promptly by the 10th of the month preceding date of issue. THIS IS IMPORTANT. New business can be accepted as late as the 25th of the month, but special position cannot be guaranteed.

WE ALWAYS STOP THE MAGAZINE at the expiration of the time paid for unless a renewal of subscription is received. Those whose subscriptions have expired must not expect to continue to receive the magazine unless they send the money to pay for it another year.

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## S. C. White Leghorns EXCLUSIVELY

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We are now booking orders for breeding stock, Hatching Eggs and Day-old-Chicks from this record-breaking flock of layers.

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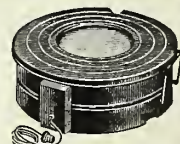
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"Electric Hen" Gives steady, most exact heat. Does not dry out eggs. All metal, double walls and insulation, large glass top. Oakes famous appliances. Egg tester free. Works from ordinary light socket.



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SEND FOR FREE MATING LIST

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# A Wonderful Opportunity For You

To every one who is in the market for either HATCHING EGGS, BREEDING BIRDS OR BABY CHIX, in S. C. WHITE LEGHORNS, S. C. BLACK MINORCAS OR COLUMBIAN WYANDOTTES, we have an unusual offer to make you.

FOR NEARLY 10 YEARS WE HAVE been working and working hard, sparing neither time nor money in building up a strain of the above breeds that would not only win in the show room but lay as well. And today we have one of the most profitable strains in the above breeds to be found anywhere in America.

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We have on hand now HUNDREDS OF GRAND BIRDS JUST IN THE PINK OF CONDITION. Birds full of vigor, and birds that will give you the right start in the poultry business. Don't you need a few of these profitable birds? We also have a number of pens mated to supply hatching eggs, and we guarantee that we can give you as good value for your money as any breeder in the country. A few baby chix if you book your order now.

No matter whether you want one bird or a thousand, or whether you want one sitting of eggs or a thousand eggs, write us before you buy. Our prices will surely interest you, and remember we guarantee satisfaction in every instance.

Don't delay but write your wants today to:

MOUNTAIN VIEW FARM,



D. R. McBRAYER, Manager  
MOORESBORO, N. C.



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Sheppard's Famous Ancons. The World's best. Single or Rose Comb. First at world's greatest shows, including London, England, Madison Square and Cleveland. Greatest egg record. Average 256 for entire flock. Cecil Sheppard, Berea, Ohio. 10-12t

Anconas—Stock for Sale at Reasonable Prices. Eggs \$2 for 15. The kind you want and need. F. G. Stickney, Tuscaloosa, Ala.

Perfection Single Comb Anconas. Six Sweepstakes this year. Winter layers. Eggs \$1.25, \$2.00 and \$5.00 per 15. Orders booked now for future delivery. A. V. Roesel, Bennettsville, S. C. 1-5t

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High Record Trap-nested Anconas. Stock and eggs. Booklet. S. F. Travis, Jr., Cocoa, Fla. 2-3t

Hatching eggs; Anconas; show and egg-laying contest winners. Stay dark. None better. Eglantine White Leghorns. Champion layers. Mating list. J. Guetter, R. No. 2, Media, Pa. 3-3t

## ANDALUSIANS

Blue Andalusians, White Faced Black Spanish and Silver Spangled Hamburgs. Fine young stock for sale. Eggs at \$1.50 per 15. H. R. Birchett, Lebanon, Tenn. 11-12t

Blue Andalusians are living beauties and wonderful layers. Description circulars free. Write Dr. R. B. Thomas, Martinsville, Ind. 3-2t

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Seabrights, Japanese, Cochins, Games, Brahmas, Rose Combs, Polish. Send 2c stamp for circular. Fenn Bantam Yards, Desk L, Delavan, Wis. 1-6t

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White Face Black Spanish hens, \$1 each, \$10 a dozen. Eggs for hatching \$1 for 15, prepaid, also Buff Orpington eggs (Cook's strain), \$1.50 for 15, prepaid. Mrs. Hattie Eheart, Ruckersville, Va. 3-1t

## BRAHMAS

Light Brahmas, Big Vigorous Birds. Many ribbons this season, including five from St. Louis Fair with seven entries. Hens trap-nested. Stock and eggs very reasonable. Beautiful catalog free. O. J. Ferguson, Fredericktown, Mo. 2-3t

## BUTTERCUPS

Sicilian Buttercups the very best of layers and positively non-setters; also Fawn and White Runner ducks. Pure white egg layers with good egg records. Eggs for hatching. H. E. Turner, Carlton, Pa. 3-1t

Sicilian Buttercups, stock and eggs for sale cheap. Jas. Carmichael, Stonega, Va. 2-4t

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Silver Campines, the Egg Machine. Ten hens laid twenty two hundred eggs in ten months. Eggs from two choice yards \$2 per fifteen. No stock. N. R. Hamer, Hurstboro, Ala. 12 5t

Silver and Golden Campines. Jones-Kennedy strain. Winners wherever shown. Stock and eggs for sale. Prices on request. Campine Electric Farm, P. O. Box 373, Greenville, S. C. 1-3t

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White Cornish—Every first at Syracuse, Madison Square Garden, Palace, except one. (Seventeen exhibitors with hundred four birds competing.) "Mountville Strain" stock and eggs produce winners. Largest and best flock in the world. Catalog for stamp. Mountville Farms, Hibs Road, Mountville, Virginia. 3-1t

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## HAMBURG

Silver Spangled Hamburgs. Blue Ribbon winners. Three good pens mated for egg trade. \$1.50 per 15; \$8.00 per 100. Arnold & Miller, Overton, Ohio. 3-2t

Silver Spangled Hamburgs. The most beautiful chickens you can possibly get, and are heavy layers. Eggs from extra fine pens \$3, \$4 and \$5 for 15. L. E. Stephenson, Brantley, Ala. 3-3t

## LANGSHANS

Black Langshans—Vitality; Individual Strain. Superior winners; 263 egg record. Pen in National Contest. Stock and eggs for sale. Transportation prepaid. Correspondence solicited. J. R. Brown, Bramwell, W. Va. 3-4t

## LEGHORNS

Glory Anna Single Comb White Leghorns—Our birds won at the recent Kentucky State Fair. 1-3-4 cockerel, 2-4 cock, 2 pullet, 4-5 hens, 3-4 pens and State money for best display. Look up our winnings at other shows. Let us quote prices on show, breeding or utility birds. We have the quality at reasonable prices and we guarantee satisfaction or refund your money. Write us for free catalog. Glory Anna Poultry Yards, Geo. E. Schulz, Prop., 550 S. 4th St., Louisville, Ky.

Bargain. Two Hundred Single Comb White Leghorn pullets, \$1.00 each; 100 hens, 90c. Fine healthy condition; trap-nested strain. Satisfaction guaranteed. Act promptly. Good layers and breeders. J. H. Robey, Pineora, Ga. 11-5t

Baby Chicks, Hatching Eggs—Any number. Wyckoff Single Comb White Leghorns. Stock stands first in great laying contest. Very low prices for such quality. Choice breeding stock, any number. Twenty-five years in this business. Circulars, full information. C. N. Reynolds, Canton, Pa. 12-5t

S. C. White Leghorns, Rhode Island Reds and Anconas for spring hatching, also Carneau and White King squab breeding pigeons. Prices quoted on application. Best utility stock. Magnolia Poultry Yards, G. F. Connell, Prop., Valdosta, Ga. 12-5t

Single Comb Buff Leghorns. Standard Bred, prize winning. Eggs \$3.00, \$2.00 and \$1.00 per 15. Hens \$1.00. Cottage Home Poultry Yards, Millboro, N. C. 2 3t

One-Half Barron Strain Single Comb White Leghorn eggs, \$1.50 per setting, delivered. Cyrus Mallard, Thomasville, Ga. 2-2t

Baby Chicks Hatching Eggs—Any number. Wyckoff S. C. White Leghorns. Stock stands first in great laying contest. Very low prices for such quality. Choice breeding stock, any number. Twenty-five years in this business. Circulars, full information. C. N. Reynolds, Canton, Pa. 3-4t

Dandy Single Comb White Leghorns. March chicks, twelve cents. Hatching eggs. Circular free. Satisfaction guaranteed. Ridgeway Poultry Farm, Jamestown, Penn. 2-2t

Eggs \$4 per 100. Single Comb White Leghorns exclusively 13 years. Best heavy laying strains. Finest pen, \$2 per 30. Zink Craig, Charleston, Ill. 3-1t

S. C. White Leghorns Exclusively (Wyckoff Strain direct). Some very fine stock at \$1.00 each. Eggs that will hatch at special prices. Write me. Mrs. Harry Covington, Guthrie, Ky., R. No. 5. 3-4t

S. C. White Leghorns, Baron Strain. Foundation stock all 200-egg hens. Nothing but 200-egg male birds used. Eggs \$1.50 per 15; \$10.00 per 100. R. H. Smith, Marion, Indiana. 3-1t

Purebred S. C. White Leghorn Eggs, \$1.50 per setting. Carrie Morrell, Elizabethtown, Tenn. 3-2t

The Best Only. Single Comb White Leghorns. Hatching eggs very reasonable. Square deal always. Write me. Lewis Davis, Auburn, Ind. 3-1t

S. C. Brown Leghorn Eggs from best winter layers at \$1.00 per 15 or \$5.00 per 100. Mrs. G. M. Reed, Anderson, S. C., R. F. D. No. 7. 3-2t

Barron Pen "O" World's Champion White Leghorns. Cockerels and eggs, bred from this pen. M. H. Waugh, Loucks avenue, Peoria, Ill. 3-1t

Famous Rancocas Strain. None better. Single Comb White Leghorn hatching eggs; chicks. Bred for laying; no culls. Special prices. Auburn Poultry Farm, Stone Creek, Ohio. 3-1t

For Sale, White Leghorn Cockerels \$2 each. Eggs, White Leghorns, Barred Rocks, Anconas, White Runner ducks. Satisfaction guaranteed. Mrs. K. C. Flanigan, Carters Creek, Tenn. 3-1t

For Sale, Eggs from Blue Ribbon Single Comb Black Leghorns, \$1.25 to \$1.50 per 15. Cockerels \$1.50 to \$2.50. Glen Echo Poultry Farm, 6500 Hamburger avenue, St. Louis, Mo. 3-1t

Special, by Hillsboro Poultry Farm, Quinton, Va. Barron Single Comb White Leghorns, direct from winners Missouri Laying contests. One dollar setting, \$3.50 100. One breed, one price. None better. 3-1t

Buff Leghorns, Beauties of the World. Eggs \$1.00 per 15. A. G. Vernon, Madison, Va. 3-2t

Single Comb Brown Leghorns. Bred to lay and winners at Philadelphia. Stock, eggs and chicks. Harry Corson, 2317 Dove, Newberry, Pa. 3-1t

High Record White Leghorns. Every hen in pen one the daughter of hen with record 265 eggs. Mated to male from 248-egg hen. Egg reasonable. Jas. Cheesman, Andover, N. Y. 3-1t

Single Comb White Leghorns—Breeding males. Large pure white cock birds and cockerels, only heavy laying hens used as breeders. Eggs our specialty. Free range and sour milk. Guaranteed healthy, vigorous stock. Baby chicks, hatching eggs, all at reasonable prices. Write us. Eugene and Cook Poultry Farm, Princeton, N. J. 3-2t

Trap-nested S. C. W. Leghorns only. A few settings from my best pens of pedigreed stock. Pedigree with each setting. \$2.50, \$3.50 and \$5.00 per setting of 15. Dr. Henry P. Fahrney, Frederick, Md. 3-4t

Trap-nested Pedigreed 200-egg S. C. Buff Leghorns. Winter layers and winners combined. Eggs \$1.50 setting. Mating list. Clarence E. Smith, McKenzie, Tenn. 3 3t

S. C. White Leghorns. Eggs from extra fine pens of heavy layers, \$3.00, \$4.00 and \$5.00 for 15. L. E. Stephenson, Brantley, Ala. 3-3t



**S. C. Brown Leghorns.** Kentucky "Brown Beauties," owned and exhibited by Maplewood Poultry Farm, made another sensational win at Louisville and Owensboro's recent big shows. Farm ranged and Kentucky Blue Grass develops Brown Leghorns to perfection. Ask questions about Kentucky "Brown Beauties." Stock and eggs for sale. Mrs. Joe Mulligan, St. Josephs, Ky. 3-1t

**Single Comb Brown Leghorns.** Twelve years a specialty. At Louisville Armory Show won first pen, cockerel, hen; Owensboro, first and second pen, second female; champion cockerel. Eggs \$3 per setting. Range \$1 per 15 and \$5 per 100. Mrs. Joe Mulligan, St. Josephs, Ky., Maplewood Poultry Farm. 3-1

**Single Comb White Leghorns.** Young's best blood lines at lower prices than you get them elsewhere. Eggs from choice birds. Send for mating list. Karl Dittmer, Napoleon, Ohio. 3-4t

**Graves Single Comb Buff Leghorn,** Biggest winners in State Fair and Waco Cotton Palace. Valley Grove Poultry Farm, Stephenville, Texas. 3-1t

**English White Leghorns—Barron Strain.** Only one breed of strong, vigorous, healthy birds. Mating list free. Satisfaction guaranteed. Utility Poultry Farm, Grafton, W. Va. 3-1t

**Single Comb Brown Leghorns.** Cup Winners. Eggs at 75c and \$1 per 15. Five dollars per hundred. Geo. Gossman, Jenera, Ohio. 3-1t

**White Leghorns.** Pen in last Storrs' Egg-laying contest averaged over 193. Eggs \$8 per 100. Chicks \$15 per 100. Windsweep Farm, Redding Ridge, Conn. 3-4t

**S. C. W. Leghorns.** Large, Vigorous Per sistent layers. Eggs 7c; chicks 12c. Cunningham Poultry Farm, Lancaster, S. C. 3-4t

**Quality Single Comb Black Leghorns.** Exceptional half price offer for 1916 on eggs and chicks. Circular free. Van Driest Farms, Box M. Cedar Grove, Wis. 3-1t

**S. C. Brown Leghorns, Bred to Lay.** Eggs one dollar per 15. Fertility guaranteed. Frank Scruggs, Smith's Grove, Ky. 3-3t

**Atamasco Trap-nested White Leghorns** lay when others loaf. Let us tell you why. Atamasco Farm, Demorest, Ga. 3-1t

**Large size S. C. W. Leghorns; 4 to 6 pounds** breeders. San Tray hatched chicks \$15 per hundred. Hatching eggs \$7 per hundred. Safe delivery and satisfaction guaranteed. The Quality Egg Farm, Chelsea, Mich. 3-4t

#### MINORCAS

**Circular Free.** Single Comb Black Minorcas, bred from trap-nested pedigreed layers, 200 to 240 eggs per year. I originated the famous Blue Grass Strain 20 years ago (in Kentucky). Large, vigorous stock, winners in many shows. Quality, safe delivery and good hatch guaranteed. Eggs 15 \$2.00; 100 \$8.00; 1,000 \$70.00. H. H. Wadsworth, Waynesville, Ohio. 3-1t

**Buff Minorcas.** The most beautiful and greatest layers of all the Minorcas. Eggs: Pen No. 1, \$4.00 per 15; or \$7.00 per 30. Pen No. 2, \$3.00 per 15 straight. Mrs. Sarah Gray, R. No. 5, Lebanon, Tenn. 3-3t

**Eggs.** S. C. B. Minorcas; from stock that won Ohio State championship three successive years. No better blood in America. \$3 per 13. Carneaux and Tumbler pigeons. C. W. Helman, Waverly, Ohio. 3-3t

**S. C. Buff Minorcas.** Eggs from my State Fair winners, \$8.00 per 15—Lingden strain. Pen 2d and 3d at \$3.00 per 15. Stock for sale. Hens and pullets \$3.50 to \$5.00 apiece. Mrs. S. M. Applewhite, 1502 S. Presa, San Antonio, Tex. 3-1t

#### ORPINGTONS

**Single Comb Buff Orpingtons.** My Birds win the blue at the South's largest shows—Kentucky State Fair, Kentucky State Poultry Show, Memphis, Tenn., Chattanooga, Tenn., and Columbus, Ga. Ira Johnson, Lebanon, Tenn. 1-3t

**Andrews' White Orpingtons** Won in Birmingham and Columbus. Win wherever shown. Six pens mated. Eggs for sale. W. A. Andrews, Opelika, Ala. 1-3t

**White Orpingtons.** Exhibition pens headed by first and second cockerels Missouri State Poultry Association's official show, Joplin, Mo., December, 1915. This means something in a poultry State like Missouri. Eggs \$3.50 per fifteen. You can't beat their quality. Won 31 ribbons, 2 silver cups so far this winter, this written New Year's day. Hyde Poultry Co., New Madrid, Mo. 2-1t

**My Buff Orpington Ducks** won first prize at Interstate Fair, Lynchburg, 1915. Eggs \$2.50 per 12. A. G. Vernon, Madison, Va. 3-2t

**White Orpingtons, Cocks and Cockerels** from some of the world's best and most famous prize winning pens. Eggs, both fancy and utility, a specialty. Write for prices. E. C. Goode, Boydton, Va. 1-4t

**Cook Strain Black Orpingtons.** Blue Ribbon winners. Fifteen guaranteed eggs \$2.00. C. V. Murray, Hendersonville, N. C. 3-1t

#### PLYMOUTH ROCKS

**Stock, Young and Old, of Barred Rock, Buff, White and Partridge Plymouth Rock varieties.** Best strains. Eggs and baby chicks. Mrs. Allen M. Dorris, Hendersonville, Tenn. 10-8t

**"Royal" Buff Plymouth Rocks are Golden Buff.** The kind that win, special prices on eggs from prize winners. Choice exhibition and breeding cockerels at a sacrifice. Write me your wants. T. J. Goodlet, Greenville, S. C. 12-5t

**Parks Bred-to-Lay Barred Plymouth Rocks,** direct from prize winners at Missouri Egg-Laying Contest. Eggs \$2.00 per 15, fertility guaranteed. Hyde Poultry Co., New Madrid, Mo. 2-1t

**Partridge Plymouth Rocks.** Kentucky Beauties. For the best write Dr. J. Hogan Bray, Greenville, Ky. 2-1t

**Eggs, Eggs, from Ringlett Barred Plymouth Rocks and White Wyandottes.** Nice fresh eggs for setting now ready. Orders booked for Mammoth Bronze, also White Holland turkey eggs. Fine registered Berkshires for sale. Circular free. E. F. Sommers, Somerset, Va. 3-1t

**Eggs for Hatching. Barred Rocks, Mammoth Pekin ducks, Toulouse geese, Giant Bronze turkeys and Pearle guineas.** Bred direct from Madison Square Garden, N. Y., Cincinnati and Louisville winning blood. Cliff Bryant, Box H, Hamilton, Ohio. 3-1t

**Barred Rocks exclusively, bred to lay and raised to win.** They do both. Quality first. Ridgeland Farm, Belton, S. C. 3-2t

**Beal's Blue Ribbon Partridge Plymouth Rocks.** Baby chicks a specialty. Prices right. C. L. Beal, Shelby, Ohio. 3-1t

**Fresh Eggs for Setting.** From Ringlett Barred Rocks (direct from E. B. Thompson). White Holland turkeys (two year old hens). Rose Comb White Wyandottes, pure white, fine layers, all healthy from range up to standard. Circulars with prices. Barred cockerels \$3 each. Mrs. M. F. Gooch, Somerset, Va. 3-1t

**Barred Plymouth Rocks.** Eggs from extra fine pens, \$3.00, \$4.00 and \$5.00 for 15. The best all-round chicken on earth. L. E. Stephenson, Brantley, Ala. 3-3t

**Barred Plymouth Rocks.** Eggs from extra fine pens \$3.00, \$4.00 and \$5.00 for fifteen. L. E. Stephenson, Brantley, Ala. 3-3t

**Barred Plymouth Rocks. Thompson Strain.** Eggs from prize winners \$2.00 per fifteen. G. Virgil Bodenheimer, Thomasville, N. C. 3-1t

**Bred-to-lay Barred Plymouth Rocks, Park's Strain.** Eggs, 15 \$2.00; 30 \$3.00. N. H. Thorns, Rossville, Ga., R. F. D., No. 1. 3-1t

#### RHODE ISLAND REDS

**Single Comb Rhode Island Reds.** Cockerels \$1.00; eggs \$1.00 setting; \$5.00 hundred. W. A. Smith, Bardstown, Ky. 1-3t

**Single Comb and Rose Comb Rhode Island Reds, D. and F. Strain.** Eggs for hatching at \$3.00 per 15 eggs. This stock has strong blood of Chicago, Buffalo, New York, Philadelphia and Rochester winners in them. Fine breeding cockerels, big framed, large husky birds, with fine type and clean under and fine surface color, \$5.00 each. Mrs. Ida Freese, Geneseo, N. Y. 2-4t

**Eggs.** Exhibition Single Comb Reds. "Square Deal." Rev. A. P. Smith, West Union, Ohio. 2-3t

**S. C. Rhode Island Red Eggs from Two Fancy pens.** Get my price on them per setting before you buy elsewhere. Eggs for hatching and baby chicks. E. F. Hixson, Hixson, Tenn. 2-3t

**Single Comb Red, America's Best Strains** —(Tompkins, Crowther) exclusively. Look to me for quality. Note my prices. Eggs \$2.00 and \$2.50 per 15. Mating list free. Harvey Baker, Johnstown, Ohio. 2-3t

**226-Egg Strain of Single Comb Rhode Island Reds;** eggs from large, vigorous stock. Red clear to the skin. Two pens, \$1.50 and \$2.50 per 15 eggs. Utility eggs \$5.00 per 100. Order from this advertisement. Frank De Tar, Edgerton, Kan. 3-1t

**Rhode Island Reds.** Heaviest laying and vitality stock. Chicks or eggs from poultrymen near you. Stock bred exclusively from "X" and "XX" eggs. Write for their address. Magic Egg Tester Works, Buffalo, N. Y., Desk G. 3-1t

**Circular Free.** Single and Rose Comb Reds. Record layers, winning more firsts and specials in Ohio quality show than all other Red exhibitors. Quality, safe delivery and good hatch guaranteed. Eggs, 15 \$2; 100 \$7; 1,000 \$65.00. H. H. Wadsworth, Waynesville, Ohio. 3-1t

#### RHODE ISLAND WHITES

**Rose Comb Rhode Island Whites.** Trap-nested stock. Eggs from New York and Panama-Pacific International Exposition winners. Send for mating list. G. S. Boller, Little Valley, N. Y. 3-1t

**Rose Comb Rhode Island Whites.** Headquarters for "Crystals" hardy, vigorous, laying strain. No stock. Eggs \$2.00 per 15. "Crystal White" Yards, Seville, Ohio. 3-3t

#### SUSSEX

**Sussex Fowls.** Stock and eggs for sale reasonable. E. B. Benson, Washta, Iowa. 3-2t

#### WYANDOTTES

**Gary's Silver Wyandottes are better than ever.** Line bred from world's best. Always winners. Three pens, mated from choice stock. My motto is "Best." Write. Mrs. Sabe Gary, Mayfield, Ky. 3-1t

**Silver Wyandottes.** Egg and stock for sale. Prices reasonable. Send for free mating list. Ed C. Paul, Princeton, Ind. 3-3t

**White Wyandottes.** Line bred for generation from Boston, Chicago, Indianapolis winners. Three pens mated. Headed by Stilish-Model, Grand Master, King George 2d. Mating list free. Eggs; stock. Mrs. Sabe Gary, Mayfield, Ky. 3-5t

**White Wyandottes.** Four fine unrelated matings—Keeler, Fishel, Dixie Quality and Dustan Strains, each one mated separate to fine vigorous cockerels, good in every section. All the pure Stay-White and the egg type. A limited number of settings from these matings for sale at \$3 per 15; \$5 per 30. Nine chicks from 15 eggs guaranteed. Herbert Hall, Hardinsburg, Ky. 3-3t

**Purebred Silver Laced Wyandotte Eggs** that will hatch Wyandottes. Photograph on request. No stock for sale. Eggs \$1.50 for 15. Satisfaction guaranteed. A. H. Harrell, Hickory, Ky., R. No. 2. 3-5t

**Golden Wyandottes.** Eggs \$2 per fifteen. Winners at Houston and Austin, Texas, shows, 1915. C. P. Chreitzberg, Georgetown, Texas. 3-1t

**"Duston" White Wyandottes Exclusively.** First prize and silver cup winners; nothing but choice breeders in my yards. Order your eggs from these select birds. Pen \$2.00 per 15; \$3.50 per 30. Locust Grove Poultry Farm, Mrs. Tom Hayden, Owensboro, Ky., R. No. 6. Member National White Wyandotte Club. 3-1t

**Will sell a few settings of eggs** from much admired, correctly mated pen of White Wyandottes at \$2.50 per 15. Your opportunity to make a small beginning with the best stock. Walter O. Benson, 426 102d Place, Chicago, Ill. 3-1t

#### PIGEONS

**\$-\$-\$ in Pigeons! Start Raising Squabs** for market or breeding purposes. Make big profits with our Jumbo pigeons. We teach you. Large, free, illustrated instructive circulars. Providence Squab Co., Providence, R. I. 3-3t

#### TURKEYS

**Bourbon Red Trios \$10.00 up; Toms \$4.00.** Nancy R. Guillion, Sparta, Ky. 1-3t

**Ten Beautiful Bourbon Red Turkey eggs \$3.** Mrs. Lewis Stolte, Hannibal, Mo. 2-2t

**Eggs from Large Mammoth Bronze Turkeys.** Prize winning stock. Purebred S. C. Rhode Island Red eggs from healthy, free range birds. Prices on request. Mrs. N. P. Catterton, Christians, Va. 3-1t

#### MISCELLANEOUS.

**First White Runner Drake, North Carolina State Fair, 1915, \$7.00.** Three others \$5.00 each. Typical upright carriage, excellent heads. Staley Clements, Morrisville, N. C. 3-1t

**Advertisement on "Buckeye Egg Dater,"** for marking eggs, with indelible ink, \$4.40; without date \$2.30. Circular free. Photo-type, burning brands, milk checks, stencils, seals, printing. Catalogues 10 cents. Buckeye Rubber Stamp Works, Dept. 17, Dayton, Ohio. 12-6t

**Fairmount Poultry Yards.** Buff Rocks and S. C. Rhode Island Reds. Some fine cockerels for sale. Price right. Eggs \$1.00 per 15. Satisfaction guaranteed. Rev. William Moon, Fairmount, Ind. 2-5t



White Wyandottes and Pekin ducks. Pure-bred eggs, day and month-old chicks, also ducklings at reasonable prices. Please order early. Mrs. Rendell, Carbondale, Kan. 3-3t

White Holland Turkeys, White African Guineas, White Runner Ducks, White Leghorns, White Orpingtons and Blue Peafowls. Stock for sale and eggs in season. J. I. Edington, 16 Market Square, Knoxville, Tenn. 3-1t

Light Brahma, White Orpington, White Wyandotte eggs, 15 for \$1. Prize winners \$2. Minnie Patterson, China Grove, N. C. 3-3t

Poultrymen's Printing Prepaid. Noteheads, envelopes, cards, tags, labels, 100 either 50c; 250, 85c; 500, \$1.25; 1,000, \$2.25. Circulars, linen-finish letterheads, everything. 125 noteheads, 125 envelopes, \$1.00 prepaid. Stamp brings samples. Model Printing Co., Manchester, Iowa. 3-3t

A Gape Remedy that Cures Gapes, or Money back, 25c. Agents wanted. Booklet free. Write W. H. Doran, Brandenburg, Ky. 1-12

Potato Plants—Ten Million Genuine Nancy Hall, Porto Rico and Triumphs. Price, 500 for \$1.35; 1000 for \$2.50, postpaid and insured. By express 1000 for \$1.75; 5000 to 10,000 at \$1.60; 15,000 to 20,000 at \$1.50 per 1000. Plants ready April 1. Prompt delivery and good strong plants guaranteed. Write for a descriptive price list. Piedmont Plant Co., Albany, Ga., and Greenville, S. C. 3-1t

Brother Accidentally Discovered Pleasant Root. quickly overcomes tobacco habit and indigestion. Gladly send particulars. L. A. Stokes, Mohawk, Fla. 2-2t

Test Your Eggs for Incubation. Save Thousands of eggs annually. Most reliable on market. Send for free circular on Magic Egg Tester. The Lawson Company, Div. 6, Birmingham, Ala. 3-1t

Any person wishing to buy Baby Chicks or eggs for hatching, bred up from "X" to "XX" eggs only, any variety, may get name of breeder, for the asking from us. Magic Egg Tester Works, Buffalo, N. Y., Desk G. 3-1t

California Little Suburban Farms for Sale. Suitable for poultry, fruit and garden. Easy payments. Write. E. R. Waite, Shawnee, Okla. 3-2t

"Murray's Sorehead Remedy." Sure Cure for sorehead or chickenpox. Try one jar and be convinced. Sizes 25c and 50c. Postpaid. Agents wanted. Prepared only by Jno. G. Murray, Jr., Edisto Island, S. C. 3-1t

Raise Belgian Hares. More Profitable than poultry. Breeding stock for sale. Send 10c for booklet, "The Belgian Hares for Pleasure and Profit." Belgian Yards, R. No. 10, Box 15, Dallas, Texas. 3-1t

Light Brahmas, White Orpington Eggs \$1.00 per 15. Prize winning Black Langshans \$1.50 per 15. Nannie Patterson, China Grove, N. C. 3-3t

Chicks! Chicks! Standard Bred, Nine Leading varieties. Thousand per week. Circular free. W. H. Gieger, Chatfield, Ohio. 3-3t

Thirty-five Varieties. Fine Chickens, Ducks, turkeys, stock and eggs. Low prices. Big new illustrated circular free. You get one. It will please you. Jno E. Heatwole, Harrisonburg, Va. 3-3t

Thirty-five Breeds of Poultry, Pets and Live stock. Single Comb White, Brown, Buff, Rose Comb Brown Leghorns; Buff or Black Minorcas; Silver Spangled Hamburgs; Mottled Anconas; Silver Campines; Blue Andalusians; Dark or White Cornish; Rhode Island Reds; White Partridge, Columbian, Silver, Silver Pencilled and Golden Wyandottes; White, Barred and Partridge Rocks; Black, Buff and White Orpingtons; Light Brahmas; Golden Seabright Bantams; White Guineas; White or Fawn Ducks; Toulouse Geese; Homer Pigeons; Fox Terrier Dogs; Berkshire Hogs. College View Farm, College Park, Ga. 3-1t

## HALLERS

### Headquarters for Poultry Supplies

Agents for leading makes and brands of Incubators, Brooders, Poultry Supplies, Remedies, etc. Mail orders given prompt attention.

Haller's Pet Shop, 103 W. Mkt. St., Louisville, Ky.

## Power's Gold Medal Buff Wyandottes

Have won more prizes at the big shows, Chicago, St. Louis, Louisville, Chattanooga, than all others combined. On account of moving, we are offering special low prices for thirty days. Choice breeding cockerels, \$2.00 to \$3.00 each. Choice trios \$5.00 to \$7.00 each. Gold Medal Buffs win—lay—and pay. Eggs \$2.00 to \$3.00 per 15. Incubator eggs \$6.00 per 100.

J. W. POWER,

BOX J

MAYSVILLE, KY.



### THE DELPHOS

## Superior Brooder Coop

Made of galvanized material. Rat-proof—sanitary—perfectly ventilated. Every part slides into place, fits snug and no tools but the two hands are required to set it up. Collapsible and easily stored when not in use. Special prices to agents. We can use a good agent in every locality. Write for particulars.

THE DELPHOS MFG. CO.

Dept. 1 H.

Delphos, Ohio



## FLORENCE ORPINGTONS

### WHITE — BLACK

Winners at the leading Southern shows. Eggs for hatching \$2.00 per setting. Baby chicks 25 cents each; 50 for \$10.00. Some nice white hens and pullets at only \$2.00 each. We pay parcel post on eggs, and express on stock within 500 miles of Florence, Ala.

### FLORENCE POULTRY FARM,

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### Guaranteed to Raise Every Livable Chick

Thousands of poultrymen are now raising every strong chick. That is the wonderful result of feeding their baby chicks—

## Pratts Baby Chick Food

Costs Only a Cent a Chick for Three Weeks

A real baby food for baby chicks—75 per cent predigested. It carries the newly hatched brood safely through the critical three weeks period, when losses usually occur. Prevents white diarrhoea, intestinal trouble, and leg weakness. Makes bone, muscle and rapid, healthy growth.

### It Makes Chicks Live

Mr. Lester Tompkins, known throughout the poultry world as a most successful breeder says, "You can certainly quote me as recommending it for baby chicks."

25 lb. bag \$1.50, 14 lbs. \$1.00. Packages at 50c and 25c.

Pratts Poultry Regulator insures early maturity. Costs only a cent a fowl per month. 25 lb. pail, \$2.50. Packages at \$1.00, 50c and 25c.

Pratts White Diarrhoea Remedy positively prevents and corrects this common and usually fatal disease. 50c and 25c.

Pratts Poultry Disinfectant kills lice, mites and all vermin. One gallon can \$1.00, quart size 35c.

Pratts Powdered Lice Killer is certain death to lice. 50c and 25c, in sifter top cans.

PRATT FOOD COMPANY

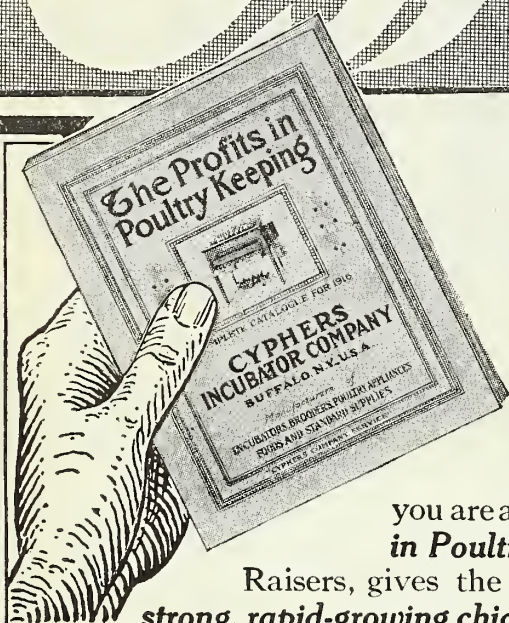
Philadelphia  
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423



# The Cyphers Co's

## Free Year Book

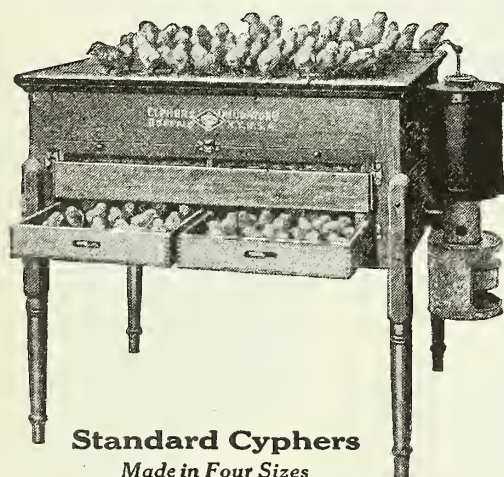


### Thousands Have Asked For This Big Book. Have You?

**YOUR SUCCESS**, Reader—your profits for the coming year—will depend almost entirely on the number of chicks you are able to hatch and raise this spring. **"The Profits in Poultry Keeping,"** our 172-page Guide for Poultry Raisers, gives the "Cyphers Way" of producing **big hatches of strong, rapid-growing chicks**—"the kind with the kick in them;" shows how to **rear the chicks** without loss and danger of costly set-backs that stunt their growth and development; tells how to produce broilers, layers, breeders and show-room prize winners in the shortest time and at least expense. This book tells how you can pay for your incubator by hatching and selling day-old chicks. The introductory "Open Letter" by Grant M. Curtis, President of Cyphers Company, is **worth many dollars** to every poultry keeper who will read and heed the advice it gives. Address our **nearest office** and you will receive the book by return mail. A postal will do.



**Superior Hot-Water**  
Made in Two Sizes  
65 Eggs, \$12.00. 130 Eggs, \$16.00



**Standard Cyphers**  
Made in Four Sizes  
70 Eggs, \$15.00. 144 Eggs, \$23.00  
244 Eggs, 34.00. 390 Eggs, 40.00

## Cyphers-Built Incubators

### \$12 to \$40

#### Three Styles—Eight Sizes

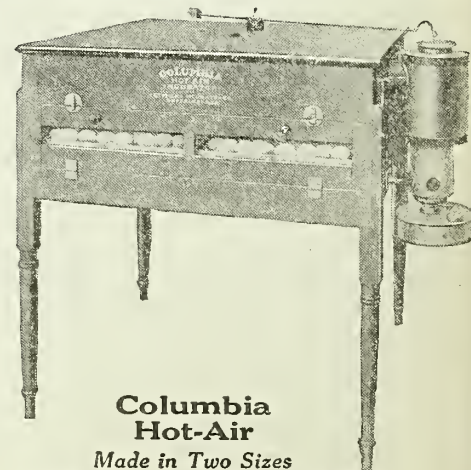
No matter what style of incubator you prefer—whether hot-air or hot-water heated—there is a Cyphers-built machine in a size to suit your needs. Take advantage of our 20 years of leadership as manufacturers of the incubators that have long been recognized by poultrymen everywhere as the "standard hatchers of the world." Users will tell you that Cyphers-built incubators **hatch better, last longer**, require **less attention** and hatch **stronger, healthier chicks**—the kind that live and grow. Thousands of the most prosperous poultrymen owe their success to Cyphers equipment and have frankly stated that they could not have succeeded without it. Why experiment—why take costly chances? **Make your success certain** by using the successful man's incubator! Secure the latest improvements with time-tried principles and construction, combining efficiency, economy and durability.

### Standard Cyphers

greatest poultry successes of the last 20 years. Are the last word to date in incubator building, and with reasonable care will last a lifetime. Read reports in our Year-Book from hundreds of successful poultrymen. (See illustration.) **Guaranteed to you personally.**

**Columbia Hot-Air Incubator. Self-Regulating, Self-Ventilating, Non-Moisture.** The best machine on the market at the price. Has **wooden** case, attractively finished in dark green, with brass trimmings and **double, well-insulated walls**. Seamless-bottom lamp bowl, best quality brass burner, Cyphers toggle-joint thermostat. Fume-proof, forced-draft heater. Embodies **diffusive** principle. (See illustration.) **Fully guaranteed.**

**Superior Hot-Water Incubator. Self-Regulating, Self-Ventilating, Non-Moisture.** Gives you all the time-tried features of Cyphers design, construction and finish. The water boiler and tubular tank heating system are heavy-weight copper. Lamp has seamless bowl; burner is best on market; case is **wood**, attractively finished in golden brown, with brass trimmings; has **double walls**, well insulated; equipped with Standard Cyphers toggle-joint thermostat. Has positive forced water circulation. (See illustration.) **Fully guaranteed.**



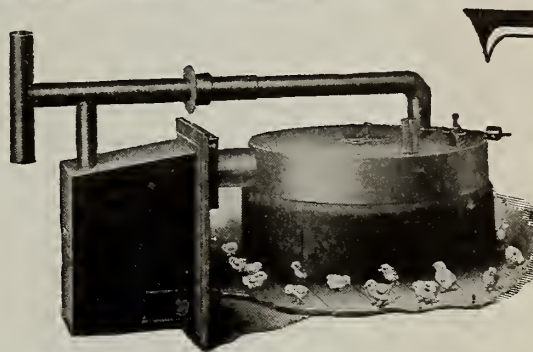
**Columbia Hot-Air**  
Made in Two Sizes  
140 Eggs, \$16.00. 250 Eggs, \$22.00



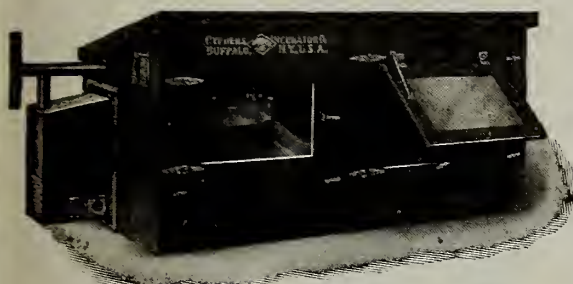
# A Complete Guide for Properly Hatching and Brooding Chicks

## The "Cyphers Way" Is the Sure Way

**H**AVING SUCCEEDED in producing big hatches of strong, vigorous chicks, *why risk losing them* by following improper brooding methods? *Every chick saved* by correct brooding will count big when the season's profits are figured. Every requirement for successfully raising chicks is provided by the "Cyphers Way." To be strong and vigorous, brooder chicks must be provided *automatically* with a *constant* supply of *pure, fresh, warmed air*. All these essentials are embodied in Cyphers Brooders and Hovers.



Cyphers Adaptable Hover. Price, \$9.00.



Cyphers Style B Three-Apartment Brooder.

## Standard Cyphers Brooders

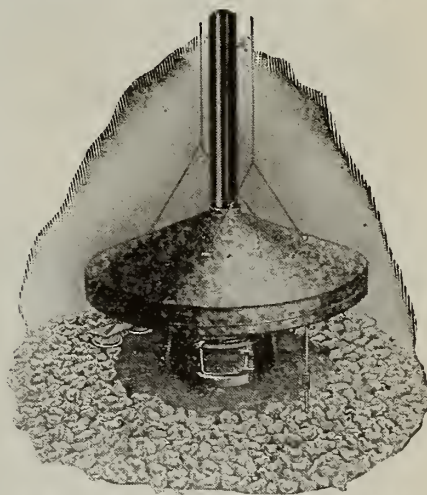
Have no equal as efficient brooding heater combined with latest-improved brooder case. Are equipped with Cyphers Adaptable Hover. Most popular Brooders on market. Keep chicks *safe and comfortable in any weather*. Convenient to use, easy to clean, readily movable. Shipped knock-down at lowest freight rates. *Style A*, for outdoor use; has two apartments. Price, \$14.50. *Style B*, for outdoor use; has three apartments. Price, \$18.50. (See illustration.) *Style C*, same as Style B, but has double-insulated walls in hover apartment; for cold climates. Price, \$20.00. *Style D*, for indoor use; has two apartments. Price, \$13.50.

## Adaptable Hover

A popular and efficient outdoor and indoor brooder at a low price. Many thousands in successful use in all parts of the world. *Self-regulating, self-ventilating*, fume and gas-proof, all metal and fire-proof. Lamp cannot blow out. Easily attached to *home-made brooder case*, large goods box or small colony house; can be used in any hen house, closed shed or out-building. Used in all Standard Cyphers Brooders. (See illustration.) *Fully guaranteed*.

## Portable Hover

Provides a low-cost, convenient, practical way to brood chicks indoors. Set it down anywhere indoors and you will have a safe and comfortable home for the chicks. Movable at a moments' notice without even turning down the lamp flame. Is an *all-metal, self-regulating, self-ventilating*, complete brooding device, automatic and economical. Needs no brooder case or box enclosure. Chicks on level of room floor all the time. (See illustration.) *Fully guaranteed*.



Coal-Burning Colony Hover. Price, \$15 Up.

## Coal-Burning Colony Hover

Broods chicks in flocks of 300 to 1,500, and at *less expense* than ever before. In health of chicks, in low cost of labor and fuel, in simplicity and ease of operation, it *has no equal* for brooding chicks in large numbers. Its ample fuel capacity and automatic regulator, will keep the chicks warm throughout the coldest night, maintaining a regular temperature of 90 to 95 degrees under hover and keeping room at desirable temperature. Made in *five sizes*. Write for Special Circular. (See illustration.) *Fully guaranteed*.

The "Cyphers Way" of Feeding Equally important with proper brooding is *correct* feeding. "The Cyphers Way" provides a *complete* line of balanced-ration, special-purpose poultry foods. Look up our "Poultry Food" Adv. on another page.

## Complete Course in Poultry Raising

Cyphers Company's FREE Books and Bulletins cover every phase of poultry keeping, and will help solve your poultry problems. Absolutely free to customers. Write TODAY for our Year-Book giving details. A postal will do. Address nearest office.

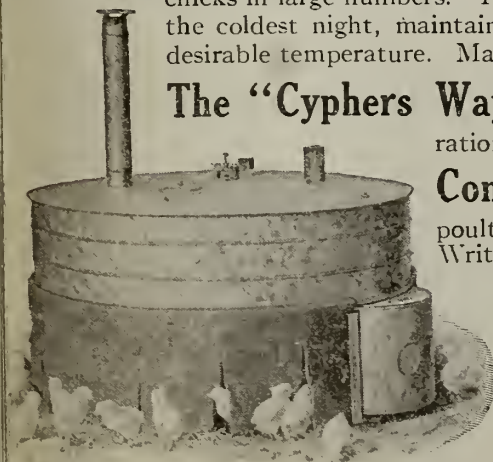
## Cyphers Incubator Co.

Dept. 13, Factory and Home Office: Buffalo, N. Y.

Branch Stores and Warehouses:

New York, N. Y., 41 Barclay St.  
Boston, Mass., 12-14 Canal St.  
Chicago, Ill., 1421 W. 37th St.

Kansas City, Mo., 19th and Campbell Sts.  
Dallas, Tex., 316-318 N. Preston St.  
Oakland, Cal., 2127 Broadway.



Cyphers Portable Hover. Price, \$9.00.



**OUR GOLDEN BUFF ORPINGTONS****Lay—Win—and—Pay****GRAINGER & O'BRIEN**

Jeffersonville,

Indiana

Send stamp for Catalogue.

**"COOK'S PARAMOUNT STRAIN RHODE ISLAND WHITES"**

The World's greatest business strain. Stock, eggs or baby chicks. Bred for winter layers. Mating list free.

**MRS. ERNEST COOK**

CECILIAN, KY.

BOX No. 20

**ARE YOU INTERESTED IN YOUR POULTRY'S HEALTH?**

It Promotes Health

It's a Blood Maker, a Bone Builder, an Intestinal Antiseptic.



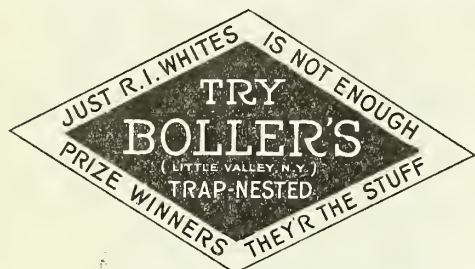
IT PREVENTS

Gapes, Roup, Cholera in Fowls and White Diarrhea in Chicks.

Postpaid 50c per box, enough for 95 gallons, 200 doses  
J. W. CRISE, Box K Greensburg, Indiana

**BUFF ORPINGTONS****HAVE FIVE GRAND MATINGS**

Ready for egg trade. Cockerels, hens and pullets for sale. Write for prices and show record.

**BLOOM KENDALL,****SHELBY, Box B North Carolina****USE DIAMOND EGG BOXES**

for shipping your fancy eggs. Cheapest because safest. Thousands of testimonials. Sample 25 cents; dozen \$1.50. Write today.

**DIAMOND BOX MFG. CO.**

North Second Street, Minneapolis, Minn.

**CHARCOAL FOR POULTRY**

Extra fine, fine medium and coarse, \$1.25 per hundred at Ironton, Ohio. Cash with order. Samples on request.

**Jno. Silliman, Box 196-L, Ironton, O.****SEND THE CORNELL HEN**

Send for catalogue of seven different kinds of poultry. We are now shipping eggs at a popular price. All guaranteed, delivered and insured to your door without extra cost. We are incorporated, paid in capital \$40,000.

**CORNELL COMPANY,**

Great Barrington,

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**PRINTING****FOR POULTRY RAISERS**

500 Noteheads, 500 Envelopes, 500 Cards, delivered on receipt of \$3.50.

Low Prices on Other Work.

**BUNKER-STRUCK PRINTING CO.,**

824 E. MARKET,

LOUISVILLE, KY.

**Twice Told Tales Savings of Funny People****An Aged Hen.**

Mrs. Hall, of Norvell, Mass., has a hen that is 21 years old this summer and still lays eggs. Her name is Belva Lockwood and she has laid eggs regularly up to this year. Last year she laid 17, and when she was at the coy age of 16 she was producing 250 eggs a year, with the enthusiasm and industry of young broilers of two years.

"The only trouble with her" says Mrs. Hall "is that she's a little blind. She seems to feel her way, but if I let her out she's likely to get lost, so I keep her locked up."—Ex.

**Good for Adults or Infants.**

Mike came to the doctor about nine o'clock with the information that their month-old baby would not sleep a wink. The doctor gave Mike sleeping powders for the baby. The next day he met Mike on the street.

"Well, how did the powders work?" asked the doctor.

"Them powders, Doc," answered Mike, "sure did the trick."

"Made the baby sleep, did they?"

"No, that they didn't, Doc. We gave the darlint a dose, just as you told me, but it wouldn't sleep at all, at all; so we just took a dose o' them powders oursivs, we did, and went right off to sleep, and niver heard the darlint cry one bit any more."—Lippincott's.

**Love's Warning.**

Henry Yallerby—Aftch we's married we'll hab chicken feh dinnah ebery day, honey.

Melinda Johnson—Oh, yo' deary! But I wouldn't ask yo' to run no sech risks foh mah sake! —Mich. P. Breeder.

**Cause for Damages.**

"Say Tom," said Jack, "did you know that Bill was going to sue the company for damages?"

"No, you don't say!" was the answer. "Wot did they do to 'im?"

"Why," explained Jack, "they blew the quittin' whistle when 'e was carryin' a 'eavy piece of iron, and 'e dropped it on 'is foot."—December Lippincott's.

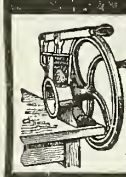
Bobby's father owned an incubator, and one day the little fellow was watching a chicken energetically breaking its way through its shell. Just then he said:

"Papa, I see how that chicken gets out of the shell, but what I can't understand is how he got into it."—Chicago Daily News.

**Get 'em Ready**

Time for mating is here. If ever the bird needs good, sound and pure feed it is now. A feed for eggs must be considered at once. The best is only good enough if you value your pens. **SHUR-PLIEZ** egg mash and scratch contain the

food so necessary at this time. Make no mistake now. It's **SHUR-PLIEZ** for success.

**Ritter-Hennings Co., Inc., Louisville, Ky.****Crown Bone Cutter**

EASIEST run, Fastest Cutter, Strong, Substantial build. Bone scrap means more eggs, higher percentage fertility. Own a "Crown" Cutter and have fresh bone for every feed. Dry Bone, Grain and Shell Mills. Hand and Power sizes. Free illus. catalogue. Est. 36 years.

**Best Made—Lowest in Price**

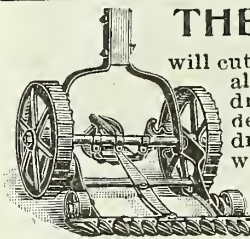
WILSON BROS., Dept. 16 Easton, Pa.

**"ROYAL" BUFF ROCKS ARE GOLDEN BUFFS**

Do you want the best to win the blues with? My strain of "Royals" will help you. Grand exhibition matings are now mated up and I am booking orders for eggs from them. Write me your wants.

T. J. GOODLETT,

Greenville, S. C.

**THE CLIPPER**

will cut tall and short grass, do all trimming along walks, drives and fences. If your dealers haven't them, drop us a line and we will send circulars and prices.

Clipper Lawn Mower Co.  
5th St., Dixon, Ill.

**Champion Imperial Ringlet Barred Rocks**

My pens are direct and bought of E. B. Thompson. Headed with champion birds just from his yard. Eggs from exhibition pen 15 for \$3.00, 30 for \$5.00; Second Pen 15 for \$2.50 for \$5; Utility, 17 for \$1.50 for \$2.100 for \$3.50.

MRS. CHAS. JEFFRIES, Route 1, Elizabethtown, Ky.

**Flanigan's Dark Cornish**

J. R. Flanigan's Lined American Bred Dark Cornish and Silver Campines. No utility stock bred for sale. Show birds, fancy breeders and eggs for hatching a specialty. Prices reasonable. Satisfaction guaranteed or money refunded. Nice lot of fancy stock now ready for sale.

**STANDARD POULTRY YARDS**

ROUTE No. 4 MACON, GEORGIA

**BARGAIN SALE**

S. C. Brown Leghorn hens and pullets. Prize-winning, winter-laying strain; begin laying at 6 months and keep it up. S. C. Brown and White Leghorn cockerels, whose daughters will equal their mothers and sisters. R. C. Rhode Island White cockerels; well known Excelsior Strain; won 1st, 3d on 4 entries at Canton, Dec. 28, 1915. Combine rapid development and heavy egg production with size and quality. Prices reasonable.

MRS. S. G. TILTON, Eagle Station, Ky.

**Kentucky Farming**

The best farm paper published in the State of Kentucky, fifty cents, and one dozen rose bushes thrown in free. Address,

**Kentucky Farming**

Commercial Bldg.

LOUISVILLE, KY.

**MAKING POULTRY PAY**

depends more on the knowledge you have of Poultry Culture than on expensive equipment or extensive space.

Let Director Quisenberry teach you how to make a good living and a nice profit from a flock of thrifty hens.

If you want to save money and make money in the poultry business write us today for our large illustrated Free Book, "Dollars and Sense in the Poultry Business."

AMERICAN SCHOOL OF POULTRY HUSBANDRY  
Box 60 Mountain Grove, Missouri.





# THE INDUSTRIOUS HEN

VOL. XII.

LOUISVILLE, KY., MARCH, 1916

(Whole No. 133)

No. 9

## SINGLE COMB WHITE LEGHORNS FOR PROFIT

This Popular Bird is Known the World Over as Living "Egg Machines." If You Want Birds for Either Profit or Pleasure You Should Select this Popular Breed.

By MRS. T. H. FARMER, Prop. Lay-a-Lot Leghorn Yards, Shelbyville, Ky.

**T**AKING everything into consideration, Single Comb White Leghorns are hard to equal. The modern White Leghorn is of larger size than they were years ago; the males, matured, weigh from five and one-half to seven pounds; females four and one-half to six pounds. They are easy to raise, takes less feed for them than heavier breeds, they mature rapidly—at the age of six weeks the cockerels can be sold for broilers—and a better quality meat can't be found; the pullets begin to lay at from four and one-half to six months of age, if properly managed. We have had them to lay at four and one-half months. If you want eggs during the winter when prices are highest you can't go wrong if you take the White Leghorn. And last but by no means least, they are the most beautiful birds in existence, to my mind. What can be more beautiful than to see a flock of White Leghorns on a green, grassy lawn with their lovely shapes—just curves—bright red combs, faces and wattles, white ear-lobes, pure white plumage and beautiful yellow legs? They are so very active, hardy, prolific and with that superb carriage and sprightliness I cannot see why everyone does not admire them. Just look up their egg records for the last fifty years and you will be convinced that the White Leghorn is the money making bird.

In this connection it would be well to remember that strain counts for everything. A bird must be bred to lay and the use of the trap-nest is the best way to improve your flock. This may not be practical for large plants, but all beginners should start with trap-nests and when you grow to be large you can dispense with that trouble. I like the trap-nests and do not mind the trouble, for I think I shall be repaid later on.

Our hatching season is now upon us; we are receiving orders every day for future shipment. Last season we were compelled to disappoint customers as we were unable to supply the demand. Too many people neglect sending their order in until the last minute. We urge every one thinking of purchasing eggs or chicks to get prices and be prompt in sending in their order.

Not very long ago I had an inquiry for a "fifty cent rooster." I wondered what that man—really it was a man—would expect for the great sum of fifty cents. Isn't it strange there are some people in the world today who cannot understand that a thoroughbred male bird with excellent breeding back of him is worth more than an ordinary mongrel? Because it was possibly to get "a rooster" years and years ago for a dime from some coun-

try woman is no reason one can get a "solid colored rooster" nowadays for fifty cents. When a breeder puts so much time, thought, energy and money into the building up of his strain, he certainly does not feel like giving good male birds away, or even selling them at market price.



It is true one can obtain extra good stock—male birds especially—in the summer and early fall, when breeders are overstocked with them, at prices below actual value. It is much better to obtain your breeders when it can be done cheaper and you have a better selection to select from. All breeders should, and most of them do, charge more for the same birds when they have kept them through the winter. This is no more than right, as the breeder runs the risk of losing the birds from various causes, and they consume quite a good deal of feed.



## JANUARY REPORT OF MISSOURI NATIONAL EGG-LAYING CONTEST.

Points on Improving the Farm Flock.—Feeding Chicks of All Ages.—Single Comb Reds Win Cup for January.—White Plymouth Rock Hen Leads as an Individual.



**I**MPROVEMENT with farm animals comes from proper methods of selection and breeding. Feeding enables the animal to do its best, but its ability is determined by its breeding. This being true, it will be seen that failure often comes through improper methods of breeding.

If the proper selections and matings are made for the breeding yards, the flock next year will be better than this year. If improper selections are made, the flock will not be as good as this year, and if eggs for incubation are taken from a mixed flock in a haphazard manner, haphazard or uncertain results will be sure to follow.

One mistake often made is to set the first hen to go broody in the spring. The best hen there is on any farm is the hen which lays during the winter season, and she is usually the first hen to go broody in the spring. About the time the winter layer goes broody, the non-winter layer begins to lay. By setting the first hen to go broody in the spring on eggs from the flock, usually means that the good winter layer is set on the non-winter-layer's eggs, and as a result, the good winter layer spends three weeks incubating the eggs and perhaps six weeks brooding the chicks. The final results are that the good hen has spent about nine weeks raising a brood of chickens from the poor hen; therefore, none of her eggs have been used for incubation.

The better plan is to select the good winter layers and place them in a brooding yard with a good male, and by using their eggs for incubation, we can raise chicks from the good hens, which will improve the egg production of the flock.

Where incubators and brooders are used, it is easier to get chicks from the winter layers, for incubation can be done earlier in the season, and before the poor layers begin to lay.

In order to secure a good hatch of strong chicks, care should be used to select eggs which have good shell texture, and uniform in size and shape. One reason why a hen which steals her nest usually hatches a good per cent is that the eggs are all uniform. No one can get a good hatch from an incubator if the eggs are large and small, long and round, and have thick and thin shells.

The results of many tests at this Station indicate that from ten to twenty females with one male gives better fertility than a larger or smaller number; the larger breeds ten; the medium fifteen, and smaller ones twenty females with each male. A sterile hen will produce fertile eggs in about three days after a male is placed in the pen, and the eggs will remain fertile often for twenty days after the male has been removed from the pen. Cockerels mated with hens and cocks with pullets usually give best results.

### Feeding Chicks of All Ages.

Many methods of feeding are successful. The following rations give good results:

#### First Day.

Yolk in body supplies food. Do not feed.

#### First Week.

Boiled egg, cut fine, bread crumbs and oat meal, equal parts. Feed in form of mash on clean board all they will eat in twenty minutes, five times per day.

Give sour milk in the forenoon and water in the afternoon. Keep fine grit or sand before them.

#### One to Five Weeks.

Equal parts wheat bran, shorts, oat meal and corn meal. Use as mash in hopper and give good grade of commercial chick feed in litter. Two pounds fine charcoal and one half pound fine salt should be added to each hundred pounds mash. Sour milk or water should be before birds at all times.

#### Five Weeks to Maturity.

Ground oats ..... 1 part  
Shorts ..... 1 part  
Wheat bran ..... 1 part  
Corn meal ..... 1 part  
Beef scraps ..... ½ part  
Bone meal ..... ¼ part

Use this mash in hopper, and give equal parts cracked corn and wheat in litter, all they will clean up in thirty minutes, twice each day. Fresh water and grit should be before them at all times. Free range should be provided.

#### Fattening Ration.

Corn meal ..... 2 parts  
Shorts ..... 1 part  
Wheat bran ..... 1 part



First Pen Cockerel at the Big Rhode Island White Club Show, Louisville, Ky., November, 1915. Bred and owned by Mrs. C. M. Vertrees, Box E, Cecilia, Ky.

Moisten with sour milk. Give cracked corn as grain, all they will eat. Clear water and grit should be provided at all times.

#### Balanced Egg Ration.

	Yolks.	Whites.
100 pounds corn .....	255	134
100 pounds wheat .....	243	182
20 pounds oats .....	39	31
20 pounds bran .....	31	41
20 pounds shorts .....	41	44
20 pounds corn meal .....	50	27
20 pounds beef scraps .....	21	221
Total .....	680	680

2 pounds charcoal and ½ to 1 pound salt should be added to each 100 pounds of mash. Fresh water, grit and oyster shell should be provided at all times.

#### Moulting Ration.

Give half ration for two weeks or till birds are poor, then build them up rapidly. Balanced egg ration good.

#### Breeding Ration.

Corn and wheat, equal parts, fed in litter, night and morning, about a pint to ten hens. Mash given in balanced egg ration in afternoons. Free range, grit, oyster shell and fresh water should be provided at all times.

#### Mountain Grove Egg-Laying Contest.

Many pens in the egg laying contest made good records during January in spite of the severe weather. January is one of the most important months in the year from the standpoint of egg production as eggs are high and hard to get.

It is interesting to note that the five highest pens for January are scattered through the different sized breeds, from the Leghorns to the Orpingtons. It is also interesting to note that the five highest pens for January came from latitudes North of Mountain Grove.

The five highest pens for January are as follows:

Pen.	Eggs.
56. Single Comb Reds, Iowa .....	123
49. White Wyandottes, Michigan .....	102
75. White Plymouth Rocks, Washington .....	101
98. Buff Leghorns, Michigan .....	99
82. Black Orpingtons, Indiana .....	97

One point of interest with pen 49 is the even race between five hens in the pen, their records being as follows: 48, 48, 48, 41, 50 eggs respectively. These are the records to date.

A number of hens tied for 2nd, 4th and 5th places for the three months. The five highest hens to date are as follows:

Hen.	Eggs.
754. White Plymouth Rock, Washington .....	(1) 70
753. White Plymouth Rock, Washington .....	(2) 66
92. Rose Comb Red, Missouri .....	(2) 66
1024. Oregon, Oregon .....	(2) 66
65. Single Comb White Leghorn, New Jersey .....	(3) 65
595. Rose Comb Red, Missouri .....	(4) 64
1022. Oregon, Oregon .....	(4) 64
253. Single Comb White Leghorn, Washington .....	(5) 63



Hens.	Eggs.
594. Rose Comb Red, Missouri .....	(5) 63
703. Barred Rock, Missouri .....	(5) 63
822. Black Orpington, Indiana .....	(5) 63
823. Black Orpington, Indiana .....	(5) 63

The ten highest pens to date are as follows:

Pens.	Eggs.
59. Rose Comb Reds, Missouri .....	304
75. White Plymouth Rocks, Washington .....	273
102. Oregons, Oregon .....	264
82. Black Orpingtons, Indiana .....	257
49. White Wyandottes, Michigan .....	246
50. White Wyandottes, Missouri .....	243
69. Barred Plymouth Rocks, Missouri .....	241
17. Single Comb White Leghorns, Texas .....	236
11. Single Comb White Leghorns, Kansas .....	220
25. Single Comb White Leghorns, Washington .....	220

Pen 56, S. C. Reds, won the cup for January by laying 123 eggs. The total number of eggs produced for the month was 5375.

### WHY WE KEEP LEGHORNS.

**The Leghorn Surpasses Any of the American Varieties in Egg Production.—They Are Non-Setters and Lay Every Month in the Year.—They Stand Confinement Well and the Coldest Weather Has Little Effect on Their Laying.**

By Jas. F. Murphy.

**W**E WERE driven into keeping Leghorns. As far back as I can remember there was always the one American variety at our home farm, but some years ago we were forced, through disgust, to take up one of the lighter breeds. If my memory serves me, the winter of 1904 was most severe during December and January; late February and March were comparatively mild. We were highly elated that our hens kept up a steady laying, in fact much better than previous years. The last week in February we mated up seven pens of our choicest birds; we had orders booked for nearly the total expected output. Early in March several of our birds showed the tendency to become broody; the tendency soon after took hold of very nearly the entire flock, and before April was well started every bird on our plant was either broody, incubating or mothering the young. We had had every reason to expect more than one thousand eggs in March. The second of the month we gathered thirty-five and the number gradually dwindled, and soon there was not an egg from the entire flock.

Now all the adherents of the dual purpose breed will immediately raise the cry that we, like all farmers, had been inbreeding for generations, and that this caused the obstinate broodiness of the hens. But we did not; cockerels ran with our hens one year, the next they were mated to our pullets, then they were disposed of. New blood was bought every third year. We did not keep just "chickens," but thoroughbred fowls, housed upon the most improved methods. We were the first in our locality to adopt the open-front coop, which subjected us to wholesale ridicule, everybody saying that the birds would freeze to death; needless to say that the wise ones were disappointed. No one has ever given a logical reason that caused the entire flock to become broody at the same time. Our business called for eggs, and the generally utility bird was not able to supply us.

Since that time we have been raising Single Comb White Leghorns, and we have no reason to regret the change. We now can fill the demand for eggs at all seasons of the year. This is the Leghorn's specialty, she turns out the finished product on one-half the amount of food that would be required by any of the heavier breeds. The Leghorn is the Jersey cow in the poultry industry; neither would be remunerative to breed for meat; this must be left to their more beefy sisters. But where the object is eggs, the Leghorn surpasses any of the American varieties. We always had good layers, but they never could compete with our Leghorns. They lay clutch after clutch the entire year; they are hardy and stand confinement well; the coldest weather has but little effect on their laying propensities. In direct contrast to their small frame, the Leghorn egg is above the average in size, and is uniform in shape, and snow-white in color, the kind that are so desired for table use, and they always command a premium of from five to ten cents a dozen above the New York market price for brown eggs.

Each breed has its thousands of admirers to shout praises for their idol, but popularity cannot be snowed under, and the popular egg breed is the Single Comb White Leghorn. At all poultry plants in the East that

are commonly known as "egg farms," thousands of these hustling little crystals of sunny Italy swarm the green, making daily trips to the nest box.

Like all other breeds, the pullet year is the Leghorn's best producing time; they start to lay at five months; late hatching will bring them into full laying in early November. This we have found to be a distinct advantage in favor of the Leghorn. It gives one the opportunity to sell for hatching all the eggs gathered in March and April. Heretofore we had to set aside half of such eggs for our own use. But now, in these early months, we can do custom hatching in our incubators, which brings a new source of revenue from our plant. By hatching late in the season we find the fertility better, the chickens stronger, and the proportion of male birds is considerably less. The last hundred chicks hatched gave us sixty pullets, and fifty-five of these were raised to maturity.

The Leghorn knows nothing else but manufacturing the finished product; she was brought here for that simple purpose, and this is her place in the poultry industry.



First Prize Cockerel at Indianapolis, January, 1916. Bred and owned by W. M. Harrod, Flat Rock, Ind. (See his ad in this issue.)

Persistency in laying is her work and she everlastingly keeps at the task. She has no time to get broody, no instinct to mother the young. Occasionally two-year-old hens will get the desire to set, but they can be easily broken, and be back to their one duty in a few days. This is one of the admirable qualities that makes the breed so valuable on the egg farm. We have no use for the broody bird, no place to rear hundreds of chicks at different ages; one successful hatch from the incubator will supply us with enough stock for the wants of the season, and our hens keep right on laying.

We formerly had to stimulate our pullets in order to bring them into laying before the winter started in earnest; but with the Leghorns we have to check them so that they will not begin their work until they are past five months. The ovaries in the lighter breeds develop very early, and we often have to discard as breeders premature layers. We believe this weakens the generative organs, therefore we never keep as breeders birds that start laying before they are five months old. All our pullets lay close to two hundred eggs from November until they start molting the next fall.

The yearlings are not carried at a loss; it is late in December before they are over the molt, but they give us a fifty per cent yield the next six months; in the hot months the supply decreases, but they more than pay their way. In one season our yearling hens averaged one hundred and sixty-five eggs. The two-year-old hen is not unprofitable; ten of them gave us thirteen hundred eggs in a year.



## A REVIEW OF THE POULTRY MARKETS FOR 1915.

Through the Courtesy of the North Carolina Agricultural Experiment Station, West Raleigh, N. C., We Can Give Some Information on the Price of Poultry and Eggs on Different Markets During Past Year.



THE office of poultry investigations has been making a study of the various phases of the poultry markets, including eggs and live and dressed poultry products. Finishing and shipping work has been carried on with broiler chickens and ducks, the experimental shipments in-

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Willard, N. C. ....	30	25	20	18	18	15	16	16	19	25	25	30
Rocky Mountain, N. C. ....	30	25	20	25	25	20	25	25	25	25	27	40
Wilson, N. C. ....	25	23	20	17	16	17	17	20	22 1/2	25	30	30
Statesville, N. C. ....	25	20	17	15	16 1/2	15	15	16 1/4	24	24 1/4	24	27
Newton, N. C. ....	25	25	20	18	15	15	15	14	21	25	25	27
Salisbury, N. C. ....	30	25	18	16	15 1/2	18 3/4	20	19 3/4	20 3/4	28	29 1/2	31 1/2
Asheville, N. C. ....	30	25	20	18	18	20	19	25	28	28	36	30
Charlotte, N. C. ....	30	25	22	19	18	19 1/2	20	20	25	30	35	35
Winston Salem, N. C. ....	28	25	20	18	18 1/2	19	15	18	24 1/2	25	28	28
Durham, N. C. ....	25	25	25	20	19 1/2	19	15	20	26	25	27	30
Raleigh, N. C. ....	35	30	26	20	20	20	18	26	27	29	30	30
Boston, Mass. ....	36	27	20	22	21	21	22	28	29	36	40	38
Boston, Mass. ....	41*	30*	22*	24*	24*	25*	29*	36*	39*	47*	60*	47*
Washington, D. C. ....	32	22	18	19	19	18	17	20	26	29	35	33
New York City, N. Y. ....	35	25	19	20	20	20	20	22	26	30	36	36
New York City, N. Y. ....	44	28*	24*	23*	23*	23*	25*	26*	30*	36*	43*	42*

NOTE.—The prices given here for the cities of Washington, New York and Boston are for firsts. \*Extra fine (extra firsts near by hennery).

The following table gives the average prices paid per pound at the various markets for live fowls:

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Newton, hens ....	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	10	10	11	10	10	10	10
" fryers ....	20	20	25	25	20	15	15	14	14	12 1/2	12 1/2	12 1/2
Salisbury, hens ....	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	11	10	10	11	12	11
" fryers ....	20	20	25	25	25	28	18	17 1/2	20	29	20	26
Asheville, hens ....	12	12	12	12	12	10	11	12	11	12	11	10
" fryers ....	18	20	20	20	25	20	19	16	12	14	13	12
Charlotte, hens ....	10	12	12	12	12	10	12	11	12	12	12	12
" fryers ....	18	19	20	20	25	20	20	12	16	16	17	18
Raleigh, hens ....	12	13	13	13	13	12	13	16	13	13	13	13
" fryers ....	17	18	20	20	25	18	18	20	14	17	17	16
Sta'ville, hens ....	10	11	12	11	10	9	9	9	9	10	10	10
" fryers ....	12 1/2	..	..	..	25	20	15	15	15	12	12	12
Washington, D. C., hens ....	12	15	15	15	14	14	15	14	14	15	14	13
" fryers ....	14	17	18	16	28	23	23	19	18	16	16	15
New York City, hens ....	14	16	15	17	18	18	15	16	17	17	14	14
" fryers ....	15	17	18	48	38	28	23	20	18	16	15	14
Boston, hens ....	16	17	17 1/2	18	17	17	15	15	15	14	14	15
" fryers ....	15	15	15	15	28	28	19	17	17	17	15	16

## BELLA VISTA WHITE ROCKS

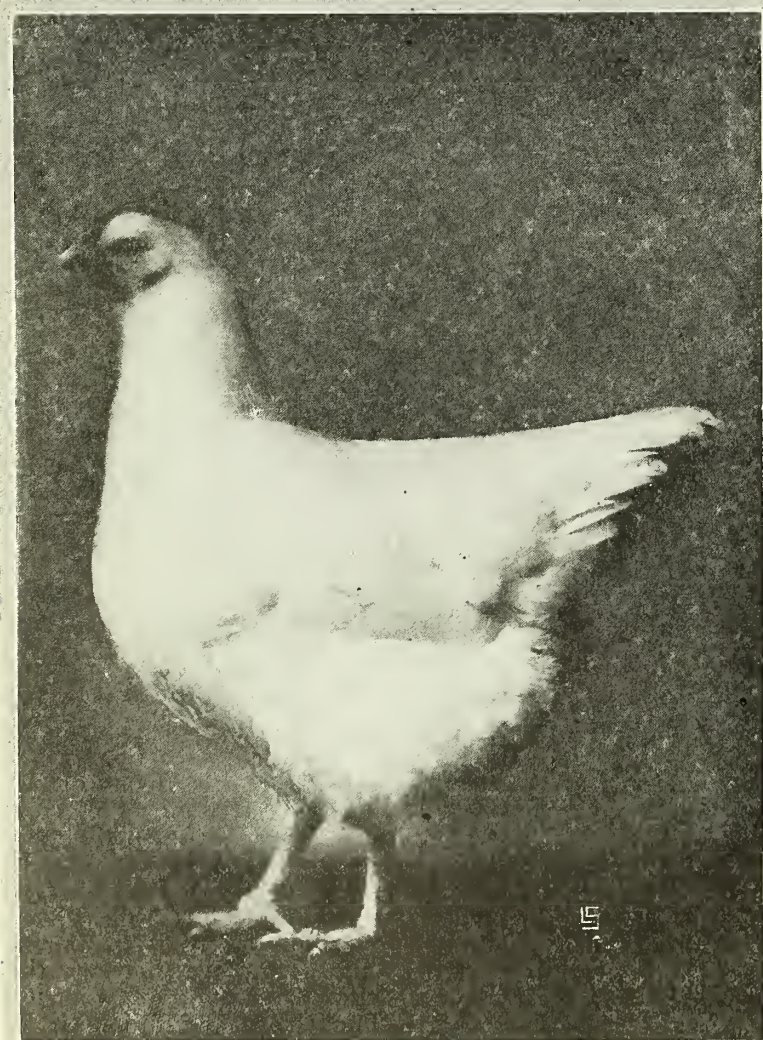
Made a Clean Sweep at the Recent Central Palace, New York Show, by Winning Every First Prize.



BREEDER who goes to a New York poultry show and wins every first prize offered in the White Plymouth class, you know it takes quality, and is proof beyond a doubt that this breeder has some of the best birds in the country. At the recent Central Palace Show, Bella Vista Farm, Lewes P. Doerhoefer, proprietor, Anchorage, Ky., won on his White Rocks, 1-2 cock, 1-2 cockerel, 1-5 hen, 1 pullet, 1-2-3-4-5 pen. His winnings at the Armory Show, Louisville, November, 1915, also at Kentucky State Fair, 1915, also stamps the quality of birds he is breeding.

For the egg trade this season he has mated twenty high class breeding pens and each pen contains one or more of his noted winners. When we visited Bella Vista Farm last month it was zero weather and his birds were shelling eggs out by the hundreds. He is hatching a lot of early birds for the fall fairs and poultry shows and will be in a position to handle any business that comes to him for show or breeding birds in large or small quantities.

Bella Vista Farms contain eighty acres of first class blue grass land, and well suited for an ideal poultry farm. The larger part of the farm is covered with large beech forest trees, which gives them an abundance of shade, and this insures White Rocks free from brassiness caused by the hot summer sun. Mr. Doerhoefer has built a number of poultry houses recently and is adding new ones all the time. He will increase the size of his plant every year and this promises to be the largest exclusive White Rock plant in the country. He is a lover of fine stock of all kinds and besides his White Rocks has some high class Duroc-Jersey hogs and St. Bernard dogs. He was elected a director of the Ohio Falls Fanciers Association recently and is very enthusiastic over the prospects for another big show at Louisville next November. The cut shown opposite is Mr. Doerhoefer's first prize White Rock pullet at the recent Central Palace Show, New York.





## DOUBLE MATING S. C. BROWN LEGHORNS.

To Breed Brown Leghorns Successfully You Must Use the Double Mating Method.—You Will Find Some Valuable Information on Breeding This Popular Breed in the Article Below.

By Mrs. Joe Mulligan, St. Josephs, Ky.

**I**N presenting this article for your consideration, and I trust instruction, I do so with full appreciation of the fact that opinions on the subject are varied. The ideas I shall present, however, will cover my own experience in this connection, as a breeder of this fowl, as well as results of experiments carried on by other well known breeders with whom I have come in contact, which I believe represents authority worth heeding. The only thing that prevents the Browns from taking their place with Whites to my knowledge is the fact that it is necessary to double mate to get best results in producing birds that fill Standard requirements. We come across, now and then, the breeder who advocates single mating, but please take notice of this fact. You never see his name in the list of winnings three times in succession with birds of his own breeding. Take a first prize winning male and female and mate them. What will be the result? A sturdy lot of birds. I'll warrant. Instead of an even cherry red in neck and saddle on male, you will find a shaded neck, cherry red near head and orange red on outer edge, and females losing that deep velvety golden brown and having a blackish cast.

Our best winners are line-bred. To breed Brown Leghorns correctly, so as to get good colored birds, is the result of very careful study for they are difficult to get right—there are so many different colors. But once get them started right and know what you are working for, it is easy to do. The show Standard male bird cannot be bred from a show female, for his dam must be dark with glistening greenish tinge on back when you look at it in strong light. Her neck must be cherry red with black stripe, while our show females must be golden brown with darker brown finely penciled and neck orange, or rich golden shade of lemon borders with black stripe in center of each feather. If the female, for breeding show males, has a dark breast with feathers like those dark feathers on her back scattered through it, so much the better. While our show females should have a breast (as clear as possible) of foreign color. And when you mate a show color male with his neck and saddle of brilliant cherry red with a clear greenish black stripe in center of each feather, breast and tail of greenish black without any purplish streaks, large, clear white ear-lobes, and well balanced comb of medium size, correct Leghorn shape, to a female such as I have described, to breed males from, you are pretty sure to produce a good percentage of show cockerels from such matings. To get show females such as our Standard describes, and which is certainly a dream of beauty, you need a male bird bred from show females and he will have a neck of deep orange, golden shade of lemon borders preferred, well striped, with stripe hackle and little in

saddle, tail well spread. Choose a male with good head points and red eye, upon yellow legs. The best pullet breeders have some brown mixed in the feathers on back, between neck, hackle and saddle. This male should produce fine show colored pullets. In single mating you would have to have in your flock some show females and some would be darker. The result would be very few show birds.

## FRESH AIR A GOOD PREVENTATIVE FOR COLDS.

Pure, fresh air is a good preventative for colds, and if you will supply this to your birds you will not be bothered to a very great extent with them. In supplying fresh air do not have drafts in the poultry house. To avoid drafts have three sides of the house air-tight and a part of the south side open. The fresh air poultry house has been in use now for a great number of years and gives splendid results even in the extreme Northern climates, where zero weather lasts the entire winter. The birds housed in this style house rarely have colds and seem to stand the cold

climates much better, producing a larger number of eggs during the winter months than when housed in the old-style air-tight houses which were formerly used and are still in use today among poultry raisers who are not familiar with the fresh air house and the splendid results it brings.

Where a flock of birds are housed in an old-style house, they are subject to colds. The air is not pure and they are continually breathing the impure air. As a result, they contract colds, as they are compelled to breathe impure air during the entire night and day. Their systems as well get into a run-down condition, whereas if they were supplied with fresh air they would have been able to go through the entire fall and winter without contracting a cold. We know ourselves that if we are in the right condition and our systems are right we are practically immune from colds, or in fact most any contagious disease. It is the same way with poultry. If you will supply an abundance of pure, fresh air for your birds, you will not have colds, which if allowed to run on will likely develop into roup or canker.

Another thing that will help you keep colds out of your flocks is not to allow the birds to overcrowd, especially young birds in the colony houses or brood coops. Even where you have proper ventilation, if you permit crowding they will contract colds, for a crowded condition causes sweating and when they are turned out in the morning in this condition they are bound to contract colds.

The greatest cure and preventative for cold is pure fresh air. If you will take a bird that has a cold, even if it be in its worst stages, and place it in a dry, well ventilated coop where it will get plenty of pure, fresh air and give it good wholesome food, you will find this bird will soon recover from its siege of cold.

A great many people are now sleeping in stuffy and poorly ventilated bedrooms because they are afraid they will catch cold if they raise a window, whereas, if they but knew it, they are shortening their lives. But I am glad to know that people are becoming more and more educated each year as to the value of fresh air.



First S. C. Rhode Island Red Cockerel at International Show, Buffalo, N. Y., Jan., 1914. Owned by Rock Creek Poultry Farm, Genesee, N. Y. One of their famous "Chief Bender" Line.



## MORRISTOWN'S \$2,250,000 POULTRY INDUSTRY.

This is One of the Greatest Poultry Centers in the United States and by Reading the Article Below, Will Give Our Readers an Idea of What the Poultry Industry Amounts to in the South Today.

By F. Roger Miller.



POULTRY and eggs to the value of more than \$2,250,000 have been shipped from the Morristown district during the past year. The totals in carlots follow: Eggs, 440 cars; live poultry, 163 cars; dressed poultry, 116 cars; total, 721 cars—increase over 1914, 168 cars. These figures apply only to the Morristown district proper and do not include shipments billed from other points.

The 440 cars of eggs contained 176,000 cases, 5,280,000 dozens, or 63,360,000 eggs. The bulk of eggs, as well as live and dressed poultry, was sent East on the poultry special operated from Morristown to New York every week. Several shipments of eggs, however, were sent to Cuba and numerous shipments of dressed poultry to various sections of the South.

The broiler industry has flourished this year, the local plant running its full capacity of 25,000 to 35,000 birds daily dressed product every week. Morristown milk-feds are now served on dining cars and in leading hotels and cafes throughout the Eastern half of the United States.

Broilers for the fattening station are the chief product of the broiler farms, the by-product of the commercial egg farms carrying poultry flocks of from one to three hundred fowls. Poultrymen specializing in broiler production and egg farmers who find in the broiler market a dependable demand for their surplus cockerels, have equipped their farms with modern incubator and brooder plants and give particular attention to the rapid development of the young chick from the time it is hatched until it is ready to go to the feeding-station, to be fattened, finished and sent to market. These specialists seldom allow the chicks to touch the ground, confining them in floored runs, feeding them a special ration, and produce a quality bird for which the packers are glad to pay a better price than the average market. General farmers, on the other hand, give the young chicks little attention, allow them free range, require them to forage for most of their feed, and the result is an over-muscular, improperly developed young fowl which requires more care in fattening, and command only the ordinary price.

### Fattening Station.

The fattening station is a two-story frame structure having a maximum capacity of 35,000 fowls. It is lighted by a double row of windows and ventilated by screened openings placed at intervals along the side walls, ends and roof centers. The floor is concrete and the center of the building is an open aisle from end to end. Ranged around the walls on both sides and along the balconies above the first floor are double rows of five-tier crates that the young birds occupy during the two weeks of the fattening process. In the center of the building on one side are the feed hoppers and storeroom and on the other side are the electric mixer, implement room and stairway leading to the balconies. Over the center, between the hopper and mixer, is suspended the traveling crane that is used for hoisting coops of chickens and carloads of feed.

The fattening crates stand in double rows facing narrow aisles across the building. The implements are eighteen inches wide, fourteen inches high and from six to twelve feet long, provided with double bottoms to facili-

tate cleaning and to maintain proper sanitary conditions. Feed troughs are placed outside the crates and within easy reach through an opening running the entire length of the compartment.

During the fattening process the broilers are fed, three to five times daily, a mixture of buttermilk, ground wheat and oats and corn meal. No water is provided, the food mixture supplying all the liquid needed. Fourteen days are required to properly "finish" a broiler for market. During this period the average bird will consume a sixth of a pound of food daily, or about two and a third pounds in two weeks. The average increase in weight is from forty to fifty per cent, and the finished product, dressed and packed for shipment, weighs from twenty-two to twenty-four pounds per dozen, net.

A complete station record is kept of every lot of broilers received, giving weight when delivered, amount of food consumed, daily records of labor, general operating and other expenses. After fourteen days in the station the broilers are slaughtered, dry-picked, graded and shipped to market. Milk-fed squabs, roasters and other select products are given similar treatment.

### Poultry Clubs.

Poultry clubs for boys and girls which are now being organized in the rural schools of Hamblen county, will give special attention this winter to the production of early spring broilers. Some of the clubs will also specialize in eggs for hatching and breeding stock, while others using the Leghorn exclusively will devote most of their attention to commercial egg farming, using a special club brand to be adopted for all egg clubs of the Morristown district.

A hundred or more commercial egg farms in the immediate vicinity of Morristown are marketing sterile eggs

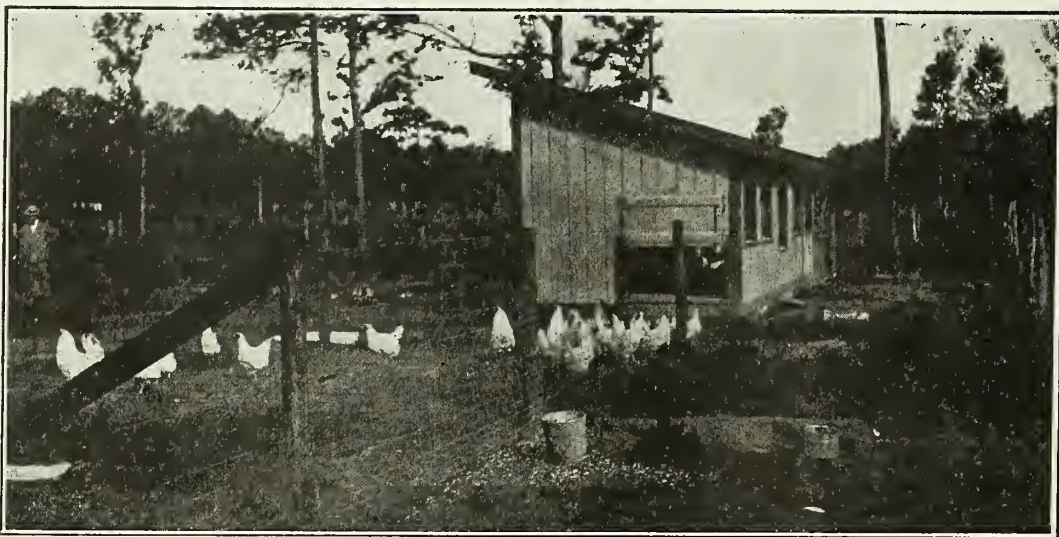
this season from flocks ranging in size from three hundred to fifteen hundred hens.

A number of Morristown business men have, during the past few years, established commercial egg farms in the suburbs or immediate vicinity of town, placing them in charge of practical poultrymen as superintendents. Dairy farmers and general farmers, becoming convinced that poultry affords a revenue

worth while, have placed large laying flocks of purebred fowls on their farms and have housed them in modern, comfortable plants. Poultrymen specializing in sterile eggs ship direct to Northern and Eastern markets demanding eggs uniform in size and color, sterile and guaranteed fresh. Because of the excellent transportation facilities provided by the Southern Railway Company in the special train operated from Morristown to New York every week, the farmer producing a quality egg is able to compete successfully with local dealers and with Northern and Eastern poultrymen; the demand is continually increasing and always far in excess of the supply. Other sources of revenue on the egg farm are from the sale of surplus cockerels for broilers, day-old chicks, eggs for hatching and fancy fowls for breeding.

### Poultry Houses.

Generally speaking, poultry houses are built on southern slopes, with open fronts facing the south and the north side entirely closed. The average house is sixteen feet wide, and from fifty to two hundred feet long. Some located on side-hills are two stories high, the floor of the second story resting on the ground, and the ground story being provided in the space underneath, with dry, sloping dirt floor. The windows facing the south are screened with wire and in very severe cold weather covered with canvas curtains at night, remaining entirely open throughout the day to afford ample ventilation and sunshine. Inside the buildings are equipped with modern roosts and



A scene on one of the large poultry plants near Morristown, Tenn., which is one of the greatest poultry centers in the United States.

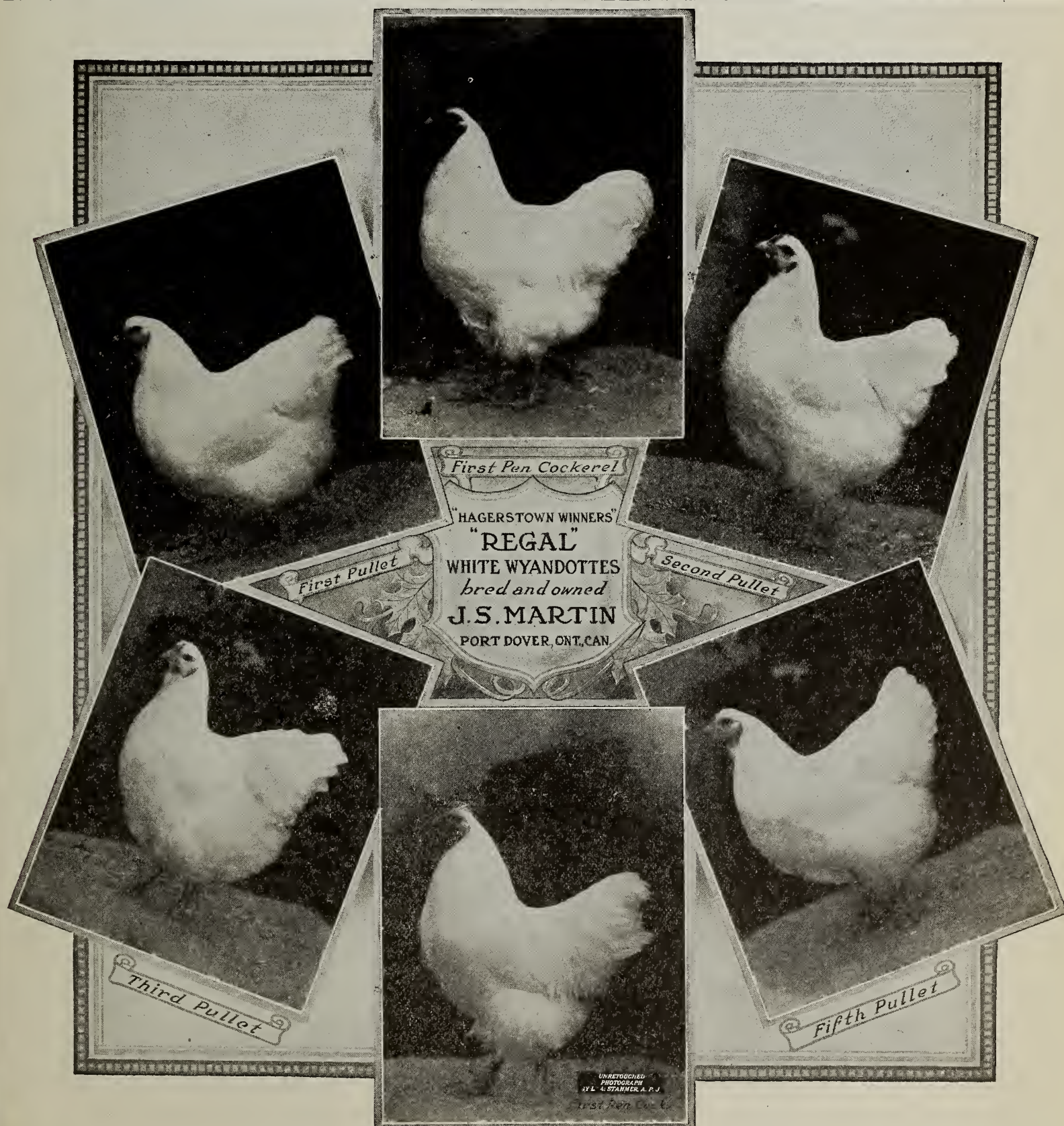


dropping boards with nests underneath. The floors are covered with straw litter six to eight inches deep. Droppings boards are cleaned frequently and the buildings are given all possible ventilation without drafts. The layers are usually given a wet mash in the morning, grain in the litter twice daily, dry mash, grit and oyster shell in the hoppers all of the time. Water is supplied fresh either in metal troughs connecting with city pipes or the farm tanks, or in earthenware crocks, which are washed and re-filled twice daily. The eggs are usually gathered once a day, at the last feeding time in the afternoon. They are carried directly to the egg cellar, where they are sorted and packed, the dirty eggs carefully washed and dried in open trays on wire netting. In this room the temperature is kept at the proper average coolness in the summer and barely sufficient heat to prevent freezing in the winter.

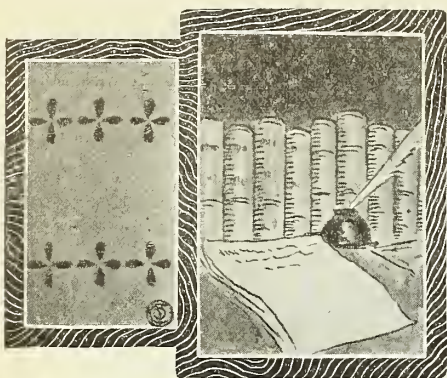
#### Turkey Raising.

Although turkeys are raised on a large majority of the general farms in the Morristown district, and several poultrymen have acquired considerable reputation for breeding Mammoth Bronze birds of unusual size and quality, the bulk of the supply dressed and shipped by local dealers for the Eastern holiday trade still comes from the

mountain sections. Back in the hills, thirty and forty miles from Morristown, they have free range, to roam far and wide and thrive. In November and December they are assembled in "drives" of from two to five hundred and like cattle are driven down the mountain roads, along the macadam highway of the lowlands, and over the asphalt streets of the city to the feeding pens of the dealers and packers. The turkey, cost of production, care and market conditions considered, is the most profitable product of the farm, according to a Hamblen county breeder who keeps careful tab on expenses. This farmer is seldom able to supply the demand for breeding fowls, but occasionally sells a bird for Thanksgiving or Christmas and never for less than three dollars for fat hens or four to six for toms, and the actual cost of feed from egg to maturity never exceeds fifty cents a head. Because of the short crop and very favorable market conditions, farmers who were successful in carrying their young flocks through the rainy summer and finished them fat and fine for the holiday trade, reaped a harvest this season, selling their fowls at sixteen cents per pound wholesale on foot and for twenty to twenty-five cents per pound dressed to city consumers.







# EDITORIAL CORRESPONDENCE

## The Poultry Industry in the South Today.

WE ARE publishing an article in this issue on "Morristown's \$2,250,000 Poultry Industry," and we believe that the figures shown in this article as to what is being shipped from this particular district will open the eyes of a lot of people who have never realized just what the South can and is producing in poultry and eggs each year.

Poultry and eggs to the value of more than \$2,250,000 have been shipped from the Morristown, Tennessee district alone during the past year, including 440 carloads of eggs, 163 cars of live poultry, and 116 cars of dressed poultry. The large bulk of this went to the Eastern market on a poultry special, operated from Morristown to New York, once a week. The farmers of the South are just beginning to realize what can be made with poultry and thousands are starting into the business every year. The poultry industry offers great opportunities to everyone in the South because of the mild climate the year around, which people of the North do not have. If you have not taken up the breeding of poultry do not let another year pass, but get started right now in a business that will net you more real profit than any other business you can get into in the South at this time. Start this spring by buying a pen of birds, eggs for hatching or baby chicks. Start with good, pure-bred birds and build up a paying and profitable business.

## The Buying Public Must be Educated.

WHAT we want to impress upon the buying public is do not expect too much for your money when purchasing either stock, eggs or baby chicks from our advertisers. There are many people who expect to get high class exhibition birds at a cost of from \$2.00 to \$3.00 and will go so far to describe the bird they want following the standard description word for word. Many expect to hatch fifteen chicks from the fifteen eggs they purchase and if one or two culls develop from them after they are matured, they speak of the breeder who furnished the eggs as being a crook and a dishonest breeder. And possibly they purchased his cheap eggs. As we have said above, do not expect too much for your money. If you would go into a clothing store to get a suit of clothes, do you think you could get a \$25.00 suit for \$10.00, would the cheaper suit sold you for \$10.00 have the same style and quality as a suit you could buy for \$25.00? An another example to show you how absurd it is to expect so much for your money in dealing with poultry advertisers. Suppose you were in market for an automobile. Do you think for a minute

that you could get the same quality and service from a \$350.00 machine as you would from one that sells from \$600.00 or \$700.00? Of course not, you get just what you pay for and no more. Then why should anyone expect to get a \$25.00 bird for \$2.00 or \$3.00? Of course there are exceptions. I have seen birds that have been purchased from well known and reliable breeders for \$5.00 to \$10.00 that were really worth three times what they paid.

When you purchase a setting of eggs, if you can get from eight to ten chicks out of fifteen eggs you should consider this a remarkable hatch, and if you can get one or two good high class birds from the eggs you should be well pleased, because possibly you have raised a better bird from the eggs than the breeder has raised himself. In buying eggs you have the same chance to hatch and raise as good birds as the breeder from whom you purchased them.

## Rhode Island Special for April.

THE April issue of the *Industrious Hen* will be devoted to Rhode Island Reds, and we want every Rhode Island Red breeder in the country to help us make this the greatest Red number ever gotten out. These breed specials we are getting out are great boosters for your favorite breed. Rhode Island Reds are very popular in the South, at this time, but we can give them still more publicity. Send us in some good articles on this popular breed and tell us why you breed them, good qualities, etc. Don't delay but get your article to us by the 12 if possible. Send us copy for good size advertisement, if you are a Red breeder, also some of your cuts. Your advertising will be read by thousands of people interested in Rhode Island Reds in the South. Get in touch with us now.

Our future issues will be devoted to Plymouth Rocks, Wyandottes, Orpingtons, etc.

If the advertiser and customer could get in closer touch with each other and work in harmony and good faith there would be less dissatisfaction in purchasing both stock and eggs. They must have confidence in each other. An honest breeder will try to give you more than your money's worth and in doing this he expects to hold you as a customer and sell to you year after year. He is bound to do this, if you are pleased with his stock or eggs, and if you are not pleased, he will make you pleased or refund your money. This kind of a breeder is sure to build up a large and successful business. But Mr. Buyer be fair with yourself and the breeder you are doing business with. Do not expect too much for your money.

## Quisenberry Resigns as Director of Missouri Poultry Experiment Station.

T. E. QUISENBERRY, who has for the past twelve years served the poultry interests of Missouri as director of the Poultry Experiment Station, has resigned and will devote all his time to the American School of Poultry Husbandry in the future. This school has grown so rapidly during the past two years, that it now has nearly as many poultry students as all of the agricultural colleges in the United States combined. This growth makes it possible for Mr. Quisenberry to devote his entire time to the school.

The Missouri State Poultry Experiment Station loses a valuable man in Mr. Quisenberry, as he has done a wonderful work since he has been connected with them. Through his efforts the Station has gotten appropriations of something like \$66,000. He was also instrumental in organizing the Missouri State Poultry Association, which at this time has between 4,000 and 5,000 members.

## Farmers of the South Richer by \$20,000,000.

FARMERS in the Southern States traversed by Southern Railway Company's lines are better off by at least \$200,000,000 than they were at this time last year, said President Harrison, of the Southern Railway Company, commenting recently on the United States Agricultural Department figures of crop and live stock values.

"The department figures of the values of the crops of cotton, including seed, grains, hay, tobacco, Irish potatoes, sweet potatoes and apples, show a total for those States of \$1,188,630,000, as compared with \$1,020,179,000 last year, an increase of \$168,451,000. The value of live stock on farms in those States is reported by the department as \$10,228,000 greater than last year, bringing the total up to \$178,679,000, and if we add to this the increased value of various vegetables and fruit crops for which figures are not yet available, the total will easily reach \$200,000,000."—Inland Farmer.

When the South is in such a prosperous condition it is bound to make business good for the poultryman and we predict that the coming year will be one of the best we have had in the South for many years. There will be a large number of poultry shows held all over the South this fall and winter and thousands of people will be in market for good birds for both show and breeding purposes. Take this tip from us and raise just as many youngsters as you can care for, because you will find a ready sale for them and at good prices. We are receiving letters every day from all parts of the South and reports show that the South was never in a better condition than at the present time, and this condition will improve. When the railroads all over the South are doing a large business, you can rest assured that other lines of business are just as good. Remember that thousands of people will



start in the poultry business in 1916, and you should be prepared to get your share of this business. Hatch as many youngsters as you possibly can during the next three months. Work old Biddy and the incubators overtime, and you will reap the rich harvest that is bound to come.

Editor The Industrious Hen,  
Louisville, Ky.

Dear Sir: We will appreciate the favor of having published in the next issue of your magazine the following list of new officers just elected in our club: President, J. O. Somers, Bedford, Ohio; first vice-president, Geo. W. Cisco, Paterson, N. J.; second vice-president, C. A. Martin, Derry, N. H.; secretary, R. W. VanHoesen, Franklinville, N. Y.; treasurer, F. C. Stier, Cleveland, Ohio; auditor, Wm. S. Rathbun, Jamestown, N. Y.

Executive Board—J. C. Branthoover, Huntington, W. Va.; E. G. Teaney, Olney, Ill.; C. A. Nichols, Lima, Ohio; G. A. Bell, Carnegie, Pa.; C. K. Whitney, Wichita, Kan.

There are now several hundred members of this club in good standing. A Club Year Book is now being compiled containing name and address of every member, and much Ancona information. A copy will be sent you when published.

The club has circulated a good many thousand pieces of boosting literature, has had several State meets, all bills are paid and a nice balance in the treasury. Membership is \$1 per year, and includes a copy of the Annual and the Ancona magazine free.

R. W. VAN HOESEN,  
Secretary.

The Anconas are gaining in popularity very fast in the South and we want to see every breeder join the club and boost this breed all they possibly can in this section. By proper co-operation and push they will continue to grow and become more popular. It is possible the Industrious Hen will devote one of its future issues to Anconas and we will expect every Ancona breeder in the country to help us make this a great issue.

If you want the latest and best poultry news from the South you should read the Industrious Hen every month. Subscribe now.

### Charcoal for the Poultry.

THE larger per cent of our poultry raisers who have the greatest success with their fowls keep a constant supply of charcoal before them at all times. In my experience I have found that charcoal is one of the greatest aids in keeping fowls in a healthy condition. Of course, it is not uncommon for poultry raisers to have birds become sick and die suddenly without any apparent cause whatever. But as far as contagious diseases, the use of charcoal will prevent any catastrophe of that kind.

Of course, it is expected that fowls are kept in clean, comfortable quarters. Charcoal would not be expected to perform miracles, but where fowls have intelligent management, it can be relied upon as a health producer. There is nothing that can take its place when it comes to putting hens in a good laying condition. It will help prevent little chicks from getting the cholera if fed freely to the breeders during the winter months, and if powdered charcoal is used in the mash mixture for growing chicks, they will develop very rapidly and their growth will never be checked by derangement of the digestive organs, caused by improper or irregular feeding.

The coarse ground charcoal—about the size of an average grain of corn, is the best for the older fowls. The poultrman who uses charcoal once will always use it, as he will find a great saving in the feed bills as well as morality in the fowls.

**Wendell's**  
SANITARY  
POULTRY SUPPLIES  
INCUBATORS, BROODERS, NON-FREEZING  
FOUNTAINS, FEEDERS, OAT SPROUTERS  
AND 50 MORE LABOR SAVING ARTICLES  
FOR THE PRACTICAL POULTRY MAN  
GET OUR BIG FREE BOOK

**THIS BROODER  
FOR \$2.50**



**WENDELL INCUBATOR CO. HOLLY, MICH.**

**Both** Machines \$10  
Freight Paid Only 10

Think of it! These two UNBEATABLE Wisconsin Machines—Winners in five great National Hatching Contests, both for only \$10, freight paid east of Rockies. Guaranteed 10 years and sold on 30 Days' Trial—

**130 Eggs  
130 Chicks**

**30 Days Free Trial**

**MONEY BACK  
IF NOT SATISFIED**

Wisconsin are made of genuine California Redwood. Incubators have double walls, double glass doors, copper tanks, self-regulating. Shipped complete with thermometers, egg tester, lamps, etc., ready to run. Biggest incubator bargain of the year. Send for our new 1916 catalog fully describing this outfit. A postal brings it by return mail. 180-Egg Incubator and Brooder, both only \$12.

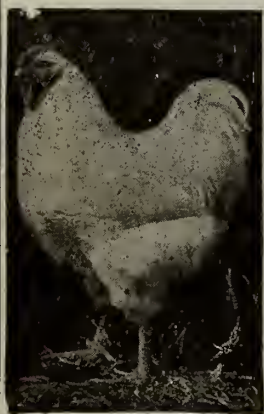
**WISCONSIN INCUBATOR COMPANY**  
Box 58 Racine, Wis.

## DENSMORE SINGLE COMB WHITE LEGHORNS

FIRST PRIZE PEN AT ALLENTOWN, PA., UTILITY CLASS. Have fifteen years of improvement back of them. Remember STRAIN is more important than variety. Last season we sold over 10,000 baby chicks without a dissatisfied customer. Some report raising 95 per cent. We are doubling our incubator capacity this season and will begin hatching January 15. Let us quote you prices.

DENSMORE POULTRY FARM,

Roanoke, Virginia



## REGAL MATINGS FOR 1916

For the season of 1916 I have mated up twenty beautiful exhibition matings. They are all headed by winning males at the New York State Fair, Boston and Hagerstown, and contain all my exhibition females. My birds are the up-to-date kind—the kind that are winning today. Hundreds of my customers were winners in the shows this winter. No strain has made such consistent winnings in the largest shows. But this is not all. For years they have been bred for heavy egg production and stamina and it is conceded by all that no strain has a better record for usefulness. Nearly one thousand big, vigorous chicks in my brooder house, many of them all feathered out. The breeders are in certain front houses and are the picture of health. Upon my show record and the utility qualities of my birds I base my claim that REGAL WHITE WYANDOTTES are the best in the world. Moreover, I send out eggs from my best birds and you run an equal chance with myself of hatching the Champion bird of the year. The First Prize Cock at Madison Square Garden this winter was hatched from a setting of eggs I sold in 1914, but this is not the first time that New York winners have been hatched from REGAL eggs. Last season I filled one of the largest, if not the largest, orders for hatching eggs ever placed in this country. The following unsolicited testimonial tells what the results were like:

Dear Sir:

We assume that unsolicited testimonials are of special value to you. When we determined to establish a line of Wyandottes we made very careful investigation of the different lines of White Wyandottes in this country and decided that yours was the best for our purpose in all respects. The products of the 15,000 or more eggs we purchased from you has justified our opinion. The stock is very rugged and healthy, shows excellent vitality, has matured rapidly and seems to run unusually true to type. We are very well satisfied with the stock and thank you for your kind attention to the order. Yours very truly,

PITTSFIELD POULTRY FARMS CO.

### EXHIBITION MATINGS.

Pens 1 to 20 (as they run), \$5 per 15; \$9 per 30; \$12 per 45; \$24 per 100. Pens 5 to 12 are special matings. Eggs from special matings, \$10 per 15; \$18 per 30; \$25 per 45; \$50 per 100.

### RECORD LAYING PENS (DORCAS LINE).

Pens 21 to 30 are headed by males bred from females with high records. Some of these also have exhibition records. The females in the ten pens are composed of yearlings with trap-nest records from 180 to 224, and pullets of the same breeding. From these pens, eggs are \$5 per 15; \$15 per 50; \$25 per 100; \$50 per 200. Utility matings of vigorous surplus stock, \$5 per 50; \$9 per 100; \$17 per 200; \$25 per 300; \$75 per 1,000.

### 500 COCKS, HENS, COCKERELS AND PULLETS FOR SALE.

SPECIAL—50 big, vigorous, Stay-White Dorcas cockerels, \$10, \$15, \$20 and \$25 each. Dorcas pullets \$3, \$4 and \$5 each. Utility cockerels \$3 and \$5 each.

FREE—20-page illustrated catalogue and mating list. It gives full description of my matings for 1916.

Send one dime for the REGAL WHITE WYANDOTTE BOOK. The information it contains will be worth dollars to you.

**JOHN S. MARTIN,**

**BOX 911**

**PORT DOVER, CANADA**





By H. F. REILS, Tampa, Fla.

### Report of Poultry Winnings at South Florida Fair.

There were some surprises at the recent poultry exhibition held in connection with the South Florida Fair and Gasparilla Carnival in Tampa. Visitors, judges and exhibitors shared in them. It is no exaggeration to state that fully thirty-three per cent of the exhibits changed hands before the end of the show at profitable prices, and had there been a sale price on the remaining birds, many more sales would have been made.

Judges Henry Dippel, of Indianapolis and Loring Brown, of Atlanta, Ga., were very much enthused at the outcome and outspoken in their praise of the city, the State and the general air of prosperity that ruled over all. That Florida birds produce winter eggs was much in evidence, for the number collected showed conclusively that we have it in our power, with good treatment, to secure these at a time when the product is highest.

The exhibition, while perfect in all details as to cooping, management, etc., was not what could be called a large one. It was made up of Florida birds mostly, but quality and size were everywhere apparent. Owing to lack of time for preliminary advertising, hundreds of breeders throughout the country were not advised, until too late, of the intention to hold a show, hence were unable to come, but in quality there was enough to make up for lack of numbers. The Keipper Cooping Co., cooped the show, and this coop has always drawn favorable comment wherever shown, Mr. Keipper himself being on the ground to take charge of this feature.

The care and attention bestowed on the birds was a source of gratification to those exhibitors who were personally present. Grain, mash, green food, beef scrap, grit and shell were provided throughout the show, and the birds were never for a moment without fresh drinking water. As a result they left for their respective destinations finally in as good or better condition than when they arrived.

The thanks of the State Fair management has been tendered the writer and his assistants for their faithful work in this department, and plans are already on foot to make the next winter show one that will reflect credit upon all concerned. In addition to this, the writer is now working on a monster exhibition for Havana, and has the promised support of breeders everywhere who recognize that this will be one of the biggest opportunities ever presented for advertising in a nearby foreign country, where a demand exists that must be filled from this end. It looms up as the biggest market place for our birds, and the Pit Game classes, also the Minorcas, Leghorns, and White Faced Black Spanish breeds will be in demand. Full information will appear

in a later issue, that will enable all to know the extent and purpose of this great foreign show. The awards are herewith appended:

Buckeye—J. J. Wallace, Tampa, Fla., 1st cock.

Silver Campines—J. F. Laurent, Bartow, Fla., 1st cock; 1st and 2nd hen; Golden Campines, 1st cock, 1st cockerel, 1st and 2nd hen, 1st pen.

Pit Games—H. F. Heise, Ybor City, Fla., 1st cock; Ralph Harrell, Arcadia, Fla., 2nd cock; H. Thompson, R. 3 Oak Park, Fla., 3rd cock; C. C. Brooks, Bradentown, Fla., 4th and 5th cocks, 1st pen; Owen Crockett, St. Petersburg, Fla., 1st cockerel, 1st and 2nd hens.

Black Langshans—O. H. Thompson, Wauchula, Fla., 1st cock, 1st hen.

S. C. Brown Leghorns—J. C. Boltz, West Tampa, Fla., 1st and 2nd cockerel, 1-2-3-4-5 hens, 1-2-3 pullets.

Buff Leghorns—C. C. Pierce, Arcadia, Fla., 1 pen.

Black Minorcas—Jas. McBride, Arcadia, Fla., 1st cock, T. S. Clifford, Lakeland, Fla., 1st cockerel, 1st pullet.

Buff Orpingtons—A. C. Raby, Macon Ga., 2nd cock, 1st hen; O. Thompson, Alturas, Fla., 2nd cockerel.

White Orpingtons—L. N. McKay, Winter Haven, Fla., 1st cock, 3rd pullet, 5th hen; J. A. Hutchinson, Valdosta, Ga., 2nd cock, 1-2 hen, 1-2-3-4 cockerel, 1-2-4 pullets; Herbert Pearson, Bradentown, Fla., 3-4 cock, 3-4 hen, 5th cockerel; A. C. Merser, Sarasota, Fla., 5th pullet; W. J. McDougald, Jr., Tampa, Fla., 1st pen.

White Plymouth Rocks—W. M. Macklin, Brandon, Fla., 4th cock, 5th hen, 3rd cockerel, 4-5 pullets; George Morris, Tampa, Fla., 4th cockerel.

Rhode Island Reds—J. F. Stebbins, Zephyrhills, Fla., 1st cock; Esperanza White Rock Farm, Palatka, Fla., 2nd cock; M. T. Mace, Arcadia, Fla., 3rd cock; J. F. Laurent, Bartow, Fla., 4th cock, 1st hen.

Speckled Sussex—Tom. F. Wilson, Bartow, Fla., 1st cock, 1st cockerel, 1st hen, 1st pullet.

Barred Plymouth Rocks—H. L. Kelley, Griffin, Fla., 1-2 cock, 1-3 hen, 3rd cockerel, 1-2 pullet, 1st pen; J. H. Priester, Brooksville, Fla., 3rd cock; B. A. Shanley, Orlando, Fla., 2nd hen; W. J. Turner, Arcadia, Fla., 4th hen, 2nd pen; W. G. Norman, Griffin, Ga., 1-2-4-5 cockerel; R. M. Stedham, Arcadia, Fla., 3-4-5 pullets.

White Rocks—Mrs. O. M. Davidson, Woodrow, Fla., 1st cock, 1-2 cockerel, 1st hen; Geo. E. Cox, Lakeland, Fla., 2-3 cock, 2-3-4 hen, 1-2-3 pullet.

Buff Wyandottes—S. D. Hardaway, Orlando, Fla., 1-2 cockerel.

S. L. Wyandottes—Geo. Erickson, Gardner, Fla., 1-2 cockerel.

White Wyandottes—S. H. Lane, Sarasota, Fla., 1st cock, 1-2-3 pullets; A. B. Storms, Zephyrhills, Fla., 2nd pen.

White Cochins—S. D. Hardaway, Orlando, Fla., 1st cock, 1-2-3 hen. Indian Runner Ducks—L. N. Mc-

## S. C. WHITE AND BUFF ORPINGTONS IMPORTED PENCILED RUNNERS

Choice breeding stock. Eggs for hatching \$1.00 and up. We ship on approval. Mating list now ready. Address

W. L. DOOLITTLE,

STEVENS STREET, FAIRMONT, W. VA.

## EGGS AND BABY CHICKS

Leghorns, Campines, Anconas, Hamburgs, Orpingtons, R. I. Reds, Wyandottes, Plymouth Rocks, Langshans, Brahmas. Chicks, \$12.00 per 100 and up. Eggs, \$1.50 per 15; \$50.00 per 100. Price list free.

**MILLER POULTRY FARM, R. No. 9, Lancaster, Missouri**



"MAPLESIDE" BRED-TO-LAY

## BARRED PLYMOUTH ROCKS

Acknowledge no Superiors as Layers

Fully 54 per cent of all 1914 hatch females on hand January 7, 1916, averaged 202 eggs each in one year. Pedigreed stock, superb breeders, eggs for hatching, day-old chicks, all at let live prices. Circular of facts free.

O. F. MITTENDORFF, Box M LINCOLN, ILLINOIS



## FIRST PRIZE WINNING S. C. WHITE LEGHORNS

The full egg basket kind. Because they are bred that way! At Indianapolis, Jan. 10-14, 1916, we won as follows: First cock (we entered one); First and Second hen (we entered 2); First and Fourth cockerel (we entered 2); First and Second pullet (we entered 2); First young pen (we entered one); and all specials offered by the S. C. National White Leghorn Club as follows: best cock, best cockerel, best hen, best pullet and best pen. Eggs and day-old chicks from stock as good as the best. Then why pay more? Eggs from utility yards \$5.00 per 100. Day-old chicks \$12.00 per 100. Eggs from special pen headed by First cockerel \$5.00 per setting of 15, two settings \$7.50. Eggs from pens headed by First cock bird and First pen cockerel \$3.00 per setting of 15. Illustrated catalogue and mating list free.

W. M. HARROD, Route 2, Box 12 FLAT ROCK, IND.



# Calhoun's S. C. White Leghorns

Unsurpassed Winter Layers and admired for their beauty, vigor and good size. If you want hatching eggs and chicks from us write NOW for prices. The careful selection of our breeders, wide range, and males and females being unrelated insures strong chicks that live, thrive and grow into great layers. Our modern equipment, ideal location and high quality of stock please our visitors. YOU will be pleased, too.

Jno. R. Calhoun, Prop.

**Woodland Poultry Farm**

Morristown, Tenn.

Half mile north of Main Street, Visitors welcome

Kay, Winter Haven, Fla., 1 drake 1 duck.

Buff Turkeys—Ira Thompson, Hull, Fla., 1 tom, 1 hen.

White Holland Turkeys—H. L. McKaune, Lady Lake, Fla., 1 tom, 1 hen.

Mammoth Bronze Turkeys—Tom Stricker, Tampa, Fla., 1 tom.

White African Guineas—H. L. Kaune, Lady Lake, Fla., 1 cock, 1 hen.

Pigeons—H. F. Heise, Ybor City, Fla., Black Carriers, 1 cock, 1 hen; White Homers, 1 cock, 1 hen; White Poulterers, 1 cock, 1 hen; Splashed Poulterers, 1 cock; Black Fantails, 1 cockerel, 1 hen; White Fantails, 1 cock, 1 hen.

## Echoes of the Show.

One fact was clearly demonstrated above all others at this show, that was the need of an educational campaign among breeders, to show them the need of conditioning their birds before exhibiting, and to familiarize them with the Standard requirements. Some very excellent pens of birds were disqualified for various defects entirely within the power of the exhibitor to avoid, as for instance, clipped wings, etc.

Another year will see a remarkable awakening of our people to the necessity of knowing what is required of a bird in the show room, and this information must be had through the poultry press, whose missionary work cannot be overestimated in this respect in our State.

So impressed with this section are Messrs. Dippel and Brown, who officiated here, that both these gentlemen contemplate change of residence to this immediate section. No wonder, when one considers the climate from which they came to bask in the sunshine and glory of a Florida winter.

Following immediately after the Tampa show came Orlando, in the famous lake region of the State, which in turn will be followed by Lakeland on the 21 and Jacksonville during the same period. Certainly things are looking up here.

## Spain's Barred Rocks and Bronze Turkeys.

Be sure to look up the large advertisement of E. C. Spain, Church Road, Virginia, breeder of Barred Rocks and Mammoth Bronze Turkeys in this issue. He is advertising both stock and eggs and offering some great bargains considering the quality of stock he has at reasonable prices. Mr. Spain has advertised in the Hen for a number of years and we can recommend him and his business methods to any of our readers. All orders placed with him will receive his prompt and personal attention. Send for his mating list now.

## Leaky Roofs.

A small hole in the roof will do incalculable damage to a flock by keeping the house damp and cold. Evaporation

## Records for Southern Bred Poultry established by Dixie's Quality Strain White Wyandottes <sup>1915</sup> Winnings

Sensation of the show, Chicago, St. Louis, Memphis, Jackson, Chattanooga Indianapolis. Champion layers Miss. A. & M. Experiment Station.

My birds have gone North unattended, bringing home the "bacon," and EGGS from my best matings will prove to you the Vigor, Laying qualities and superior type of this strain. Pens on green runs practically every day in the year. Eggs tested 75 per cent to 100 per cent strongly fertile Christmas day. Best Eggs \$5.00 per fifteen; Utility \$2.00 per fifteen. Free 16-page mating list tells the story.

**CARRINGTON JONES,**

Box 145,

BUNTYN, TENN.

## S. C. RHODE ISLAND REDS

My Reds swept the deck at the Georgia State Fair, winning four firsts, sweepstakes male bird and other prizes. First cock, Memphis, Tenn. Eggs and chicks from grand matings. Utility chicks, hatching every week, \$15.00 per 100.

MRS. DONALD DONALDSON, Decatur, Ga.

## SURPASSING EGG RECORD

My White Wyandottes from week to week are beating the Egg Laying Contests. My S. C. White Leghorns are of the highest quality. Eggs for hatching, from both varieties. Send for mating list. Write your wants. Will answer in detail.

**HUBERT ELTING**

Highland, N. Y.

of moisture is always at the expense of loss of warmth, and the failure to stop a crack may cause an expense for more food, as the body of the fowl is kept warm by the food, and the more comfortable the quarters the less food required. Dry cold, where the fowls are not exposed to the winds, will not cause as much sickness as dampness, and especially when the rain not only leaks down on the floor, but also on the fowls as well.—Poultry Record.

## Cook's Rhode Island Whites.

Mrs. Ernest Cook, Box No. 20, Cecilian, Ky., is advertising stock, eggs and baby chicks from her Paramount strain of Rhode Island Whites. She will also send her mating list free to all that write her. Mrs. Cook is one of the oldest breeders of this variety.

## "Oaklawn" White Rocks.

The Oaklawn Poultry Yards, W. B. Jenkins, proprietor, Glendale, Ky., have made a wonderful record during the present show season, winning at the Hardin County Poultry Association show, with their White Plymouth Rocks, 1-2 cock, 1-2 cockerel, 1-2 hen, 1-2 pullet. Sweepstakes best female in entire show, all breeds competing.

At Kentucky State Fair they won 1st hen, 2-4 cock, 2-3-4 cockerel, 3d pullet and 2d pen in the strongest competition ever gotten together in the State. At Hopkinsville, Pennyroyal Fair, they made a clean sweep, winning 1-2-3 cock, 1-2-3 hen, 1-2-3 cockerel, 1-2-3 pullet and 1-2 pen.

At the Ohio Falls Fanciers Association show, held at the Armory in Louisville, they won 1-2 cock and 2d old pen. And to wind up a successful show season they made another clean sweep (making three clean sweeps out of five shows) at the Kentucky State show, the "quality" show of the South, winning 1-2-3 cock, 1-2 cockerel, 1-2-3 hen, 1-2-3 pullet, 1-2-3 pen.

When these winnings are taken into consideration you can readily see why it is the "Oaklawn" strain White Rocks have gained such a foothold with fanciers throughout the country.

To successfully breed and produce winners is the ambition of every fancier. And right here let me say this is where Mr. Jenkins excels, in being able to produce winners. Look up advertisement and write him for prices.

## THOROUGHbred SINGLE COMB WHITE LEGHORNS



Best layers on earth. Our birds guaranteed to be of purest strain. High scoring 1 year old Cox \$4.00. High scoring year old hens, \$2.00. For introducing special set of 16 eggs, \$1.50 Parcel Post prepaid. Fowls and eggs guaranteed to arrive in perfect condition.

Eaton Leghorn Farm Rockfield, Ky.



## Planet Jr Wheel Hoe

does most of the work in a kitchen garden

Why work hard with old-fashioned tools?

This inexpensive Planet Jr implement makes gardening quick, easy, pleasant. Gets bigger, better crops, and cuts down your living expenses; also fine for plowing up chicken-yards.

No. 16 Planet Jr Single Wheel Hoe, Cultivator, Rake and Plow is the highest type of single wheel hoe made. Light and durable—can be used by man, woman or boy. Indestructible steel frame. High, easy-running steel wheel. Costs little; lasts a lifetime. 24 other styles of wheel hoes—various prices.

New 72-page Catalog (184 illustrations) free!

Describes over 70 tools, including 12 entirely new ones, and improvements to our Seeders, Wheel Hoes, Horse Hoes, Harrows, Orchard, Bee- and Pivot-wheel Riding Cultivators. Write for it today!

**S. L. Allen & Co** Box 1208U Philadelphia

Whether you cultivate the smallest door-yard "patch" or the largest market-garden you can't afford to work without a Planet Jr.





Under this heading "Pick Ups Here and There," we will give our readers each month clippings from our exchanges that we think will interest them.

### Incubators and Hens.

To care for the number of hens necessary to hatch as many chicks as a three-hundred-egg incubator entails more than double the time and expense. It has been difficult to raise chicks hatched in incubators with most farmers and others, and at the present time such work is easier and surer than heretofore. A greater profit can be derived from poultry for the capital invested than from any other pursuit on the farm, and chicks hatched in incubators are easier to raise, stronger when coming out of the shell, and less subject to disease, than when hatched and cared for by hens. If any person accustomed to raising poultry will make a memorandum of the number of eggs placed under sitting hens, and then afterward note the number of chicks on hand when they are ready for market, the percentage of chicks will be so small as to excite surprise, as many will have been lost from unknown causes. With all that may be said of the failures of incubators a comparison will show that hens fail to a greater degree than may be supposed.—Poultry Record.

### An Aid to Egg Production.

There is probably no better aid to egg-production than scratching exercise, and the progressive poultry keeper will see that his hens have plenty to do during the day. There are many reasons why such exercise helps egg-production. In the first place, it keeps the hens healthy, and a healthy hen will always turn out new-lays both regularly and well. Again, exercise keeps the layer active and fit, and no one will deny that the busybody hens make the best layers. In the winter scratching exercise keeps the layer warm and comfortable, as it aids the circulation of blood, and even then we do not exhaust the advantages gained by providing Biddy with exercise and occupation.—Poultry Record.

### Retires from Advertising Agency.

In order to give his undivided attention to his manufacturing interests, John B. Menz has retired from active connection with the Matos-Menz Advertising Company, Philadelphia, Pa. His entire interest has been purchased by William W. Matos, president and treasurer of the company. The name of the agency has been changed to the Matos Advertising Co., Inc.—Poultry Success.

### Selecting the Layers.

No matter what the variety or strain may be, there are good, bad and indifferent layers therein. A practiced eye can pick out a good layer, but the safest way is to take count of the eggs laid by each hen intended for breeding.

After selecting the likeliest birds by sight and count of eggs, the next plan

to adopt is to handle them. Take hold of the wings and feel where the flesh meat is; then the most important, the fat, from the breastbone backwards. The abdomen should be soft and the internal organs fully movable. A good layer answering the above condition is the best for the breeding pen. Fertility will be noticed in a marked degree, even in the most inclement weather.

### In-Breeding.

In-breeding was once the great bugbear of poultry raisers. The breeder had to have fresh blood every season, or the hens would strike. If anyone followed the practice of in-breeding it had to be kept a secret or a sale would never

be made. Nowadays it is recognized to be correct to inbreed to a certain extent. If one is trying to establish certain points in poultry, or to breed out certain defects, the quickest way to succeed is

**FARM FENCE**  
**12 CENTS A ROD** for a 20-inch high fence; 18¢ c. a rod for 47-in. 81 styles Farm, Poultry and Lawn Fences. Low prices Barbed Wire.  
**FACTORY TO USER DIRECT.**  
 Sold on 30 days **FREE TRIAL.** Write for free catalog now.  
**INTERLOCKING FENCE CO.**  
 Box 136 MORTON, ILLS.

**BROWN POULTRY FENCE**  
**FREE BOOK and NEW LOW PRICES READY**  
**WRITE POSTAL NOW**  
 Brown's Basic Open-Hearth Wire Fence lasts five times as long as chicken netting yet costs half as much. Big No. 10 top and bottom wires. Use half as many posts. Bottom wires 1 inch apart.  
**Direct From Factory—Freight Prepaid**  
**150 Styles—Rock Bottom Prices**  
 I have sold more than 25 million rods of Brown Fence to my 400,000 customers. My new free book tells why—quotes prices—saves you big money. Sample to test, also free.  
**The Brown Fence & Wire Co., Dept. 37 Cleveland, O.**

## Ferris Leghorns—200 Egg Strain

One customer's flock averaged 102 eggs in six winter months, another 181 eggs in ten months, another 199 eggs in twelve months. You can do as well. Eggs, chicks, breeding stock from hens with records up to 264 eggs. Prize winners at largest shows. Prompt shipment, prices low, quality guaranteed. White Leghorns are best for eggs. We raise thousands. Free catalog and price list gives particulars. Write for it now. Sixteen years square dealing—thousands of pleased customers.

FERRIS LEGHORN FARM,

922 Union, Grand Rapids, Mich.

**IT'S TIME**  
**They know, for that delicious feed of**  
**Conkey's Buttermilk**  
**STARTING FOOD**  
 the only baby chick food with buttermilk in it.  
 Just right for the first three weeks. Helps keep off chick diseases, gets chicks started right. It makes strong sturdy chicks that grow into big birds, good breeders, big egg producers—real money makers.  
 Bags \$1.00 to \$5.75—Packages 10 to 50c—**BUY A BAG**  
 A big free sample at your dealer's or we'll send it direct with Conkey's Poultry Book for 10 cents stamps and your dealer's name.  
**THE G. E. CONKEY COMPANY**  
 1011 Conkey Bldg. Cleveland, O.



# BIG WINS FOR LOYD'S PARTRIDGE ROCKS

Indiana Fanciers Show, Jan. 10-14: 1-2 Cock, 1-2 Hens, 1-2 Cockerels, 1-2 Pullets, 1 Old Pen, 2 Young Pen. Milwaukee National Show, Jan. 21-26: 1-3 Cocks, 1-2 Hens, 1-2 Cockerels, 1-3 Pullets, 1 Old Pen. Nine Prizes on ten birds entered at Panama-Pacific World's Fair Show, including 2 Cocks, 1-2-5 Hens, 2-3-6 Pullets. Circular Free.

C. J. LOYD &amp; SON,

Office 461 E. Main St., Farm R. R. No. 4

Greensburg, Ind.

by in-breeding. In introducing fresh blood from another flock, unless it is known that that flock is bred on the same lines as one's own, the risk is run of undoing in one season what it has taken years to accomplish.—Poultry Record.

## Catalogues and Mating Lists Sent Us.

**B**EFORE placing orders for eggs, baby chicks or breeding birds, we advise you to write to our advertisers for their catalogues and mating lists. They will gladly be sent free of charge. All you have to do is to say you saw their advertisement in the Industrious Hen. The following have been received in this office, since the February issue went to press:

White Hill Poultry Farm, Cleveland, Tenn.; S. C. White Leghorns; R. H. Anderson, Lynchburg, Va.; S. C. Black Minorcas; W. L. Doolittle, Fairmont, W. Va.; S. C. White and Buff Orpingtons and imported Penciled Runner ducks; Miller Poultry Farm, Lancaster, Mo.; Rocks, Leghorns, Wyandottes, Orpingtons, Langshans, etc.; Cedar Hill Poultry Farm, Flat Rock, Ind.; S. C. White Leghorns; H. Cecil Sheppard, Berea, Ohio, Anconas; O. B. Andrews, Chattanooga, Tenn.; Barred Rocks; L. P. Doerhoeffer, Anchorage, Ky.; White Plymouth Rocks; Mrs. C. M. Vertrees, Cecilian, Ky.; Rhode Island Whites; Carrington Jones, Buntyn, Tenn.; White Wyandottes; Ridge Spring Poultry Farm, Rineyville, Ky.; White Orpingtons; Golden Rod Egg Farm, Hardinsburg, Ky.; White Leghorns; Gatlin Farms, Murray, Ky.; Orpingtons, Rocks, Reds, etc.; Maywood Poultry Farm, Anchorage, Ky.; White Leghorns and Wyandottes; Glory Anna Poultry Yards, Louisville, Ky.; White Leghorns; Cedar Hill Poultry Farm, Cumberland City, Tenn.; Campines and Anconas; O. F. Mittendorf, Lincoln, Ill.; Barred Rocks; Jno. S. Martin, Port Dover, Canada, White Wyandottes; Lay-a-Lot Leghorn Yards, Shelbyville, Ky.; White Wyandottes.

## Notice.

To our friends and patrons: Owing to the increased price of paper and other material necessary in publishing a magazine, we have found it impossible to continue publishing The Leghorn Journal. The Industrious Hen has consented to fill out all unexpired subscriptions and we feel sure our readers will get better value from that service. We trust you will give The Industrious Hen the same liberal patronage that you have given us. Thanking you one and all for your valued patronage, we remain, very truly yours,

(Signed) J. R. Meadow,  
Pub. Leghorn Journal,  
Appomatox, Va.

## Vineland Yards.

The proprietor of Vineland Yards, Tullahoma, Tenn., is W. J. Davidson, and as an evidence of his standing in his home town, will say that though a Republican in politics, living in a Democratic stronghold, he holds the following offices: Magistrate for past twelve years; United States Commissioner for ten years; Coal Oil Inspector for three years; Notary Public eleven years; Vestryman in St. good standing in five lodges. He lives in the Barnabas Episcopal Church and a member in house in which he was born forty years ago. He has raised poultry for twenty-seven years and for the past five years has been giving special attention to producing a laying strain

## POMONA POULTRY FARM OFFERS STOCK and EGGS

Of Single Comb White Leghorns, Barred Plymouth Rocks and Single Comb Brown Leghorns that are second to none, that are prize winners and heavy layers. Eggs \$1.50 per 15; \$6.00 per 100. Have some choice cockerels, large and well shaped, \$2.00 each.

EMMETT McGINNIS, Prop.

R. R. No. 4

Bowling Green, Ky.

## BLUE RIBBON WINNERS

## WHITE ORPINGTONS—BARRED ROCKS—WHITE LEGHORNS

Exhibition White Orpington hens mated to first and second cockerels at Missouri State Poultry Association's official show, Joplin, Mo., Dec., 1915. Bound to reproduce themselves and that's good enough. You can win anywhere with these birds. Eggs only \$3.50 per 15. Park's strain bred-to-lay Barred Rock pullets, daughters of prize winners in Missouri Egg-Laying Contest, mated to one of Park's pedigreed cocks. Eggs \$2.00 per 15. Tom Barron Single Comb English White Leghorns direct from winners in National Egg-Laying Contest; greatest egg producers yet. Eggs \$2.00 per 15. We pack our eggs like they should be packed and guarantee them to reach you in good condition and to be fertile.

HYDE POULTRY COMPANY,

New Madrid, Missouri

## Barred Plymouth Rocks

Pope & Pope's prize winning strain. I can furnish you nice cockerels at \$3.00 each and eggs at \$1.50 per fifteen. Satisfaction guaranteed or money refunded.

J. H. HERRON,

NEBO, - - - - -

Kentucky

## FREE! FREE! 1,500 EGGS

From Lawson's Egg Machine Strain Single Comb White Leghorns. Free to the first one hundred person's who write for my 1916 Mating List and buy from one setting to 1,000 eggs, I will add to the order fifteen eggs selected from best layers—FREE. Eggs \$2.00 to \$10 per fifteen. Breeding stock, day-old chix, show birds at all seasons. Satisfaction or money back.

## WHITE HILL POULTRY FARM,

A. J. LAWSON, Prop.

R. No. 4, Box 50

Phone 441

Cleveland, Tenn.

## S. C. Anconas

## Silver Campines

Handsome, thrifty, range-raised birds that lay and win. Ancona eggs and stock for sale. Campine eggs only. Satisfaction guaranteed.

F. G. STICKNEY,

Tuscaloosa, Ala.



## S. C. Buff and White Leghorns White and Buff Rocks, Blue Andalusians and Lakenfelders

We are offering special bargains in both old and young stock, as we need the room. Look up our show record and winnings at KENTUCKY STATE FAIR, GEORGIA-FLORIDA FAIR and other shows. We have quality at right prices. Write us your wants in show, breeding or utility birds.

LOMBARDY HEIGHTS POULTRY FARM  
JNO. O. REID, Prop., Box 258 STANFORD, KY.

of S. C. Anconas, in which effort he feels that he has succeeded.

Vineland Yards is giving each purchaser of eggs their method of raising poultry, making medicines and tonics and how to feed to get

eggs, which is an interesting and instructive article and will be a great help to beginners in particular. Vineland Yards offers as references the banks of their town. Their ad appears in this issue.

Just say you saw it in THE INDUSTRIOUS HEN.



# THIS PRODUCES THIS

Remember we manufacture a complete line of Poultry Feeds

If your dealer does not handle Producer Feeds, send us his name and address and we will see that you are supplied. Samples furnished upon request. Why not start your baby chicks on PRODUCER CHICK FEED

EDINGER & COMPANY

INCORPORATED

MANUFACTURERS

Louisville, - Kentucky

Box A

### S. C. W. Leghorn and Why We Breed Them.

By W. W. Harrod, Proprietor Cedar Hill Farm, Flat Rock, Indiana.

**T**HE White Leghorn breed of fowls belong to the Mediterranean class and originated in Spain, but are now much improved from what they were at that time.

They have enjoyed considerable popularity for many years and are without doubt the most popular fowl bred today, and they have rightly been called "The World's Most Beautiful and Greatest Profit Paying Fowl." Visit any of the quality poultry shows, and you will be convinced that the first part of the assertion is true, and the recent reports of experiments made at the National Egg Laying Contests is ample proof that the S. C. W. Leghorns are the greatest egg machines in the world, and it's the "egg money" that makes the balance on the right side of the ledger of the poultry business.

It is an undisputed fact that the largest poultry farms of the United States, that are on a paying basis, are stocked with S. C. W. Leghorns. They lay a larger egg and more of them and are a larger bird than any of the other variety of Leghorns, which are crossed with other breeds to get the color.

In answer to many inquiries, as to whether the S. C. W. Leghorn is a good winter layer, we know no other breed that can equal the Leghorns as layers at any season of the year.

They require no warmer quarters than fowls of greater size and smaller combs—a house in which a Leghorn comb will freeze is too cold for best results with any breed.

In a house in which the temperature does not fall lower than 20 degrees below freezing, there is no danger of frosted combs among the Leghorn females, and if the combs do not freeze they will lay regularly through long continued cold weather.

Five Leghorns can be accommodated in the same amount of space that four of the heavier breeds need, are grown and kept at small cost, as they eat only about half as much, lay one-third more eggs, and stand confinement better than the larger breeds.

The S. C. W. Leghorn has pure white plumage with bright red combs, face and wattles, reddish-bay eyes, yellow beak and legs, and white ear lobes.

They mature very early, and commence to lay when five to six months old. They lay large white eggs, which command fancy prices in most of the large cities, and in some markets you must have the white eggs in order to make the sale, and as the egg end of the poultry business is the most profitable, the Leghorn breeder with his "everyday layer" is the fellow that wears the broad smile when he balances up his poultry ledger at the end of the year.

Therefore, we selected the S. C. W. Leghorn, which, we dare say, is the only breed, taken by and large, that is paying for its keep and producing a profit.

In fact, it is the ideal fowl both for the farmer and the backyard poultry raiser, because it produces more eggs on less feed, has a greater fertility and hatch ability of eggs, is easy to raise, has fewer culls and requires less space than other breeds.

### Some Says.

Sympathy says: "Feed the poor little day old chick, it must be hungry."

Reason says: "Don't feed the baby chick till it is at least two days old."

Sympathy says: "Keep the poor little peeping thing, it might get well."

Reason says: "Kill the baby chick that stands around and peeps."

Sympathy says: "Feed the poor little chick, it doesn't know how to eat."

Reason says: "Bury him that won't or can't eat."

Sympathy says: "Give them nice, soft mash to eat."

Reason says: "Hard grain and grit (not grits)."

Sympathy says: "Give the tiny things all they will eat."

Reason says: "He that doth not work, neither shall he eat (make 'em scratch)."

Hang sympathy to a sour apple tree and obey Reason.—Modern Farming.—Big Four Poultry Journal.

## VALLEY VIEW POULTRY FARM

Bargains in Leghorns, Brahmas, Cochins, Wyandottes, Plymouth Rocks, Reds, Orpingtons, Minorcas, Bantams, Turkeys, Geese, Ducks, Guineas, and Collie Dogs. 1500 prizes won in 1915, including Indiana State Fair and Panama-Pacific Exposition at San Francisco. Many good breeders and Show birds for sale.

J. E. SMILEY, PROP.

JUDSON, INDIANA

### BUFF ORPINGTONS, WHITE WYANDOTTES AND S. C. BROWN LEGHORNS

Get my prices on old and young stock. Eggs \$2.00, \$3.00 and \$4.00 per fifteen. Good hatch guaranteed. Address,

M. C. RILEY,

R. No. 2

LIVIA, KENTUCKY

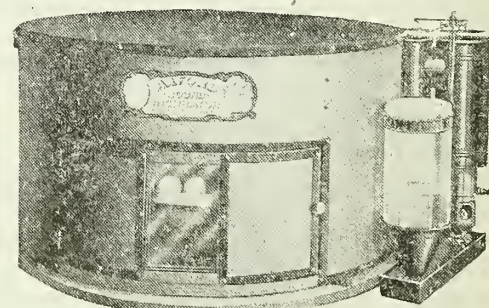
## AXFORD ROUND INCUBATOR

For forty years the Axford has stood the test and has a reputation second to none in artificial incubation. It is the original sand tray incubator that supplies proper moisture to eggs while under incubation.

It has the most wonderful, simple and safe lamp ever attached to an incubator. Oil supply always in sight. You need never put out light to refill the lamp.

Every machine is perfect, and will do all we claim for them. They are sanitary, light and easily cleaned. Will last a lifetime with good care. They are neatly upholstered with an imitation Spanish leather. Round, no cold corners. Will not warp or crack open. WRITE FOR CATALOG. Two-in-One—Incubator and Brooder—\$13.90

AXFORD INCUBATOR CO., Inc.



741 E. 45th St., Chicago, Ill



# WINNERS

On Buff Orpingtons at the Armory Show at Louisville, first pullet, third young pen. Kentucky State Poultry Show, at Lexington, first hen, first cockerel, first pullet as well as National Buff Orpington Club's Ribbons for best hen, best cockerel and best pullet in the show. Eggs from these winners at \$5.00 for fifteen. Eggs from other pens \$1.50 and \$3.00 per setting. I also have some good breeding birds in Reds (Single Comb) at give-away prices. Write for what you want. Also four yearling cocks in White Orpingtons cheap. Satisfaction guaranteed in anything I sell.

DANVILLE

S. M. HARBISON

KENTUCKY

-:-

## SCOTT'S CAMPINES AND ANCONAS

-:-

Led in the race for quality at Nashville State Fair, Memphis Tri-State Fair and the A. P. A. Show at Chattanooga. These BEST-OF-ALL egg producers have a very bright future ahead for them. It will pay you to get my strain. I have some very fine matings and can furnish eggs at \$3.00 and \$5.00 per fifteen. Cockerels of quality at \$2.00 each. First Prize Spotted Shetland Pony at Nashville, for sale cheap. Catalogue free. Satisfaction guaranteed.

CEDAR HILL POULTRY FARM

H. A. SCOTT, Proprietor.

CUMBERLAND CITY, TENNESSEE

## WILLIAMS S. C. BLACK MINORCAS

At Birmingham and Valdosta last season, and Moultrie this season win total of nine firsts, six seconds and five third prizes. Three specials and one sweepstakes prize. They are bred to Lay, and Lay They Do. Guaranteed hatching eggs \$2, \$3.50 and \$5 per 15. Write.

HARLEY L. WILLIAMS,

R. F. D. No. 1, BOX H,

MOULTRIE, GEORGIA

### The Open-Front Poultry House.

PERHAPS some of the readers of your valuable paper will be interested in an article describing the benefits of an open front poultry house, as used in Virginia by the leading poultrymen. Some years ago we started in the thoroughbred poultry business using the old type or tight house and our troubles were almost endless, the air was continually impure, the ventilation could not be desirably controlled, either a draft or no ventilation at all, roup, colds, chicken-pox, etc. prevailed continually and the egg production was necessarily retarded.

It soon became evident that the surroundings under which the chickens were housed would have to be changed if we hoped to ever attain success, so we took into consideration the open front poultry house, and they were exclusively adopted, and we find that the advantages of the open-front houses so far superior that we would never think of taking up the old type house again. With an open-front house properly constructed and the curtains properly handled, we find the above mentioned troubles practically a thing of the past, and the egg production entirely satisfactory. And the mortality rate exceedingly low, never exceeding one per cent.

The open-front house insures you perfect ventilation, plenty of light, freedom from drafts and undesirable odors and plenty of sunshine, which things are very essential to poultry raising, in fact one cannot hope to attain to any degree of success with the above conditions lacking.

With this type house we find the surrounding conditions so much more desirable, to attend and care for the flock and to admit visitors, than we did under the old type house. It is a pleasure to any poultryman to admit visitors to such a flock that is in a perfectly healthy condition.

We have frequently visited other poultry farms at this season of the year, and on many find birds with badly frozen combs, and invariably upon investigation we find the cause to be improperly constructed houses. With the open-front house we have but very little trouble with frozen combs, and this further proves the value of the open-front house.

A very large percent of the failures of poultry raisers we believe due to the wrong method of housing, and we strongly advise all raisers of poultry

### SILVER CAMPINES EXCLUSIVELY

Armory Show, Louisville, Thanksgiving week: first cockerel; 1915 Kentucky State Poultry Show, Jan. 5-7: first, second cockerel; Fanciers' Association of Indiana at Indianapolis, Jan. 10-14: first and second cockerel. A limited number of eggs for sale, \$3.00 per 15.

JNO. W. JONES, JR.,

Carrollton, Kentucky

### PARTRIDGE ROCKS OF QUALITY (Noftzger Strain)

Have won wherever shown. I have won five sweepstakes and four silver cups at two shows this season. My stock is farm raised. Large vigorous birds, big egg producers and the most beautiful of the large breeds. Some choice stock for sale, also eggs. I now guarantee every egg fertile. Prices reasonable. Satisfaction guaranteed. Write for prices and mating list.

W. C. PETER,

Mulberry, Indiana

who are using the old type house to have them reconstructed.

The above has been our experience with the two types of houses. We would be glad to hear from others on this subject. I have not given any details as how to construct this house, for the simple fact that our poultry papers are well supplied with specifications for same.

Yours for success,

D. Earl Sanger.

Manager of Sanger's Mountain View Farm.

### Wanted—Experienced Feed Salesman.

To sell poultry and stock feed in South and Southeastern territory. State age, experience with poultry and reference. Splendid opening for a hustler. Box E. C., Industrious Hen, Louisville, Ky.

### PARTRIDGE PLYMOUTH ROCKS KENTUCKY BEAUTIES

For size, style, form and color, they are Standard of Perfection. Eggs only \$3.00 for fifteen.

DR. J. HOGAN BRAY

GREENVILLE,

KENTUCKY

### COZY NOOK ORPINGTONS BUFF AND WHITE

Are always winners at the shows. Trap-nested. Big winter layers. Two strictly high class exhibition winning pens of Whites at reasonable price. Also Buff stock and eggs for sale worth more than the price asked.

DR. C. J. L. GRAY

BOX H,

LEBANON, TENN.

**RAT CURE**  
TABLETS  
ONLY RATS WILL EAT  
TRY BEFORE YOU PAY  
KILLS 4 RATS FOR 1 CENT  
Morris Mfg. Co. Dept. Bloomfield, N. I., U. S. A.

### THIS BOOK FREE

Written by Experts

Contains plans for poultry house construction, rearing baby chicks, expert advice in feeding, etc. Send 5c in postage to cover mailing expense. Makes \$3 to \$4 clear profit on each hen per year. This does not apply to professional poultrymen but to every back yard poultry plant like yours.



	100 Lbs.	Ton
Shawnee Scratch Feed ..	\$1.85	\$35.00
Shawnee Chick Feed .....	1.90	36.00
Shawnee Meat Food .....	2.15	41.00
Kaffircorn (recleaned) ....	1.50	28.00
Milo Maize (recleaned).....	1.50	28.00

Prices F. O. B. here. Samples free.

There is a Shawnee Feed for every Poultry need



Wood, Stubbs &amp; Co.

Manufacturers Inc.

Market Sq. Louisville, Ky

### EGGS FOR HATCHING

From High Class White Plymouth Rocks and Single Comb White Leghorns of the best strains. Healthy, prolific layers. Eggs \$1.50 for 15.

CHARLES HOLDER, Bridgeport, Alabama



THE OLD RELIABLE  
**LAMBERT'S**  
DEATH TO LICE

### Insures Clean Fowls — Larger Profits

It has been the Standard Lice-Killer for over 30 years—the standby of Successful Poultry-keepers. Easily used, absolutely safe, sure and quick in results. Most economical because it goes farthest. Try it and see young fowls grow faster and hens lay. Prices \$1.00, 50c, and 25c per Package. Sample 10c. If not at your dealers; send direct. "Secrets of Success with Poultry" by D. J. Lambert for 2c stamp. Address

THE KLEIN-LAMBERT CO., 434 Traders Bldg., Chicago





# SOUTHEASTERN NOTES and COMMENTS

By D. R. McBRAYER, Mooresboro, N. C.

THE season is marching on toward the sunny days of spring and summer, and we breeders should be marching on toward higher aspirations, broader plans and greater success. So march! forward march, or the procession will march on and leave you far in the rear. Time lost is hard to regain, so keep in line.

The breeding pens have been mated, whether it has been well done, we will not know until the chicks begin to mature next fall. Now we must turn our attention to the care of the breeders. We cannot expect strong, sturdy chicks from our breeding stock unless they are fed, housed and properly cared for. Grain is not sufficient for the hens. Give them plenty of the best beef scrap you can buy, and all the good fresh green feed they will eat every day. Exercise is another factor that should not be overlooked, for without exercise the hens soon become lazy and overfat and then the trouble starts. If you would be successful in hatching and rearing the largest per cent of your chicks, then look well into the care your breeding birds receive.

The incubators should be running full capacity now. How discouraging to look upon a flock of late hatched pullets next fall, realizing that the feed that should be making eggs must be used to develop the pullets. Pullets will not lay until they are fully matured, so get them off this month and next, the heavier breeds this month and the lighter ones next. The March pullet is the mortgage lifter. March pullets are not produced after the 31st, so get her now.

January and February have thus far been unusually warm and damp. The hens have laid well and consequently the price of eggs has fallen off some, however we expect to see some real winter weather yet, and this should help the price of eggs some.

Are you a farmer? Plan now for at least 100 pullets for next winter's laying stock. There are very few farmers in the South that would not be much better off by keeping 100 pullets through next winter. They will earn you money and at the same time you will take a pleasure in caring for them. The fertilizing value of hen manure is great and by keeping these hens the farmer would not only make ready money but at the same time he would greatly enrich his land. How many hens will you keep through next winter Mr. Farmer? Let your answer be at least 100.

Fresh air and sunshine are as essential to the rearing of chicks as food. Look out for the close shut brooder! Your chicks must have fresh air if they are to remain in good health and grow. Here is where the Colony brooder has it "all over" the other brooders. The chicks get the maximum amount of fresh air, and at the same time there is

no danger of overheating and no danger of chilling, provided you keep coal in the stove. Guard against dampness in the brood coops and brooder houses. Dampness breeds disease. Take no chances.

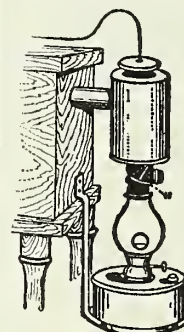
Get your orders for day-old chicks and eggs booked at once. The demand is going to be unusually heavy this spring and you will very likely have to wait for what you want if you don't place your order now for delivery when you want it. Here on Mountain View Farm we have already been behind on egg orders from certain pens, and we are looking for the biggest season for years. How do you feel about it?

Toe mark every chick hatched this spring. By this method you will know at sight from which pen each chick came and you will not get your breeding lines confused. It is a good plan. If you have never tried it you should do so now.

Do you visit your friend's poultry yards? It's a mighty good practice to

visit at least one or two—more if you can—large poultry plants every year and note the way the other fellow is doing it. By these visits we gain much information that we would never get otherwise. And too, we enjoy "chickens" with a real live fancier and poultryman and seldom get tired doing so. Spend a few dollars in this way and note the results.

Shelby, N. C. has its share of poultry plants and fanciers. Recently we visited the plants of two of the leading poultrymen of that place: Mr. Bloom H. Kendall and Mr. T. C. Hitchcock. Mr. Kendall who is an advertiser in "The Hen" breeds Buff Orpingtons and S. C. White Leghorns. We found some 500 Leghorns on the place, all in good condition and laying well. In Buff Orpingtons we found considerably fewer birds, but the quality was there "to spare." We went through every breeding yard on the place and wish to say that Mr.



## SEE

the Heat-Check between chimney and heater? It does the work of two eyes and two hands—busy all the time, and makes an incubator hatch eggs the same as hens do it. Costs \$1.00 each. Attach it yourself to any old incubator or one of latest model. Just as well adapted to heated brooders. Fully guaranteed. Send postal for full description.

UNIVERSAL HEAT-CHECK  
AGENCY 91, BUFFALO, N. Y.

## BLUE ORPINGTONS AND SPECKLED SUSSEX

At the recent FANCIERS ASSOCIATION SHOW at Indianapolis, Ind., January 1-14, 1916, we won as follows: BLUE ORPINGTONS—1-2 cocks, 2-3-4 hens, 2-3-4 cockerels, 1-2-4 pullets and 1st old pen. SPECKLED SUSSEX—1st cockerel, 2d pullet and 1st young pen. Our birds have also won at Chicago, Milwaukee, Indiana State Fair and other National shows during the past two years. If you want quality in either stock or eggs get our prices and mating lists. We are ready to furnish our Southern customers eggs now. Address

FRED. RAU

GRAND HOTEL

INDIANAPOLIS, INDIANA

## QUALITY WILL TELL "Oaklawn Strain" White Plymouth Rocks

At the five shows where I exhibited this season I won 21 Firsts, 19 Seconds, 13 Thirds, 2 Fourths and 1 Fifth—a total of 56 prizes out of 66 entries. As the above facts prove, "OAKLAWN STRAIN" WHITE PLYMOUTH ROCKS hold their own wherever shown, as also in the egg-laying contests. My pen of pullets won two cups in the Missouri Egg-Laying Contest for 1914-1915. Stock for sale in singles, pairs, trios and pens, properly mated to produce the best there is in White Plymouth Rocks. Eggs for hatching from exhibition matings. Guarantee on stock "Satisfaction" or money refunded. On eggs "A Good Hatch"—you to be the judge. For illustrated mating and price list, address

W. B. JENKINS, PROP.,

OAKLAWN POULTRY YARDS,

Glendale, Ky.



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Here is one Incubator Catalog you can't afford to overlook. No matter how many others you write for, be sure to get this one, too. It will show you why some incubators spoil half the eggs or more—why others don't raise strong, healthy chicks. It also explains just why the famous


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FIFTEEN

ROCK CREEK POULTRY FARM

GENESE, N. Y. R.3

D AND F STRAIN RHODE ISLAND REDS. WRITE FOR EGG RECORD MATING LIST AND WINNINGS.



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ROSE COMB  
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PER SET OF  
FIFTEEN

**FINE BREEDING COCKERELS** that are regular **BOOSTERS** in size and good in **COLOR** and **TYPE** at \$10.00 each. Send on **APPROVAL**.

Kendall has the best lot of birds in this breed that we have seen for a long time. The even Buff color and Orpington type, he has as near perfection as we usually find. On Mr. Hitchcock's place we found between 500 and 600 White Leghorns, all housed in the best of open-front houses. His birds were in good health and laying unusually well. Mr. Hitchcock has a market in New York City, his old home, where he ships all his surplus eggs, getting the highest prices paid for fancy white eggs. He also operates a 1200 egg Candee incubator.

Wilson, N. C., held in January one of the largest and best poultry shows ever held in N. C. There was between 1500 and 2000 birds there and good quality at that. The attendance was very satisfactory and the breeders full of enthusiasm. Congratulations to you Wilson, for holding North Carolina's largest show for the season!

Now that the season for raising chicks is on we wish to advise our readers with the importance of feeding milk to their chicks. Buttermilk or sour milk either, are very fine feed for the little chicks and have a tendency to prevent diarrhea. Make the mash with milk and also allow them all they will drink every day. However the drinking vessels should be scalded every morning. If you can possibly do so furnish every chick with milk and you will surely get much better results.

This is a day of efficiency. The man who can do the most work in the least time and do it right is the man who is in demand, and at the highest salary, too. By the use of automatic feeders, one man can care for as many hens as two or three would by the hand feeding method. These feeders are especially handy for the man who is compelled to be away from his poultry yards all day. He can fill the feeders once a week and rest assured that whether he is at home or not his hens are well fed and at the same time getting plenty of exercise.

## J. C. Fishel Says, "This Brooder Out-classes Them All."

This is a copy of a letter just received from the world renowned J. C. Fishel, of Hope, Ind.

"Buckeye Incubator Company,  
"Springfield, Ohio.

"My dear sirs:

"After trying out the Standard Colony Brooder, I am thoroughly convinced that it outclasses all others of this kind.

"We have been working it right along with various other coal brooders which we have had for several years, and this brooder has demonstrated its

## Do You Want White and Partridge Wyandottes

that will not disappoint you in the show room or at the egg basket? If so, then join the crowd that is sending to us for their stock and eggs. We have been winning at the leading shows for fifteen years, such as Madison Square Garden, Hagerstown, Memphis, Knoxville, Lake Charles, La., Raleigh, Charlotte, Darlington, Wilson and others. A fine lot of stock for sale. Can sell you show birds fit to win in the strongest competition or good breeders at a low price for quality. Write us your wants. Eggs now ready from as good matings as can be found in the country at \$3.00 for fifteen.

SANDY RUN POULTRY YARDS,

Ellenboro, N. C.

## BARRED PLYMOUTH ROCKS

At the recent Indianapolis Poultry Show, January 1-14, 1916, on one entry in strong competition, we won third pen. We have now mated up our breeding pens and can ship you eggs at \$2.00 and \$5.00 per fifteen, and guarantee satisfaction. We make a specialty of filling Southern orders. Address A. S. WILLIAMS Box 134-A, Clayton, Ind.

## Rosemont's Brown Leghorns

Win all firsts on females at Cleveland, 1916. Want a beautiful Bess cock-  
erel? The best only. Catalogue, illustrated.

ROSEMONT FARM,

Franklin, Pa.

## HARLEY'S WHITE ORPINGTON'S

DR. S. E. HARLEY, Centralia, Mo

Won at Frankfort, Sedalia, Carrollton, Wellsville, Saulsbery, Moberly and Columbia; 18 firsts, 17 seconds, 13 thirds and four specials. Pens now mated. Eggs for hatching. A few choice cockerels for sale.

## The Queen Gets The Chicks

We receive many letters similar to this:  
"Last season I installed a Queen as an experiment. It hatched 18 per cent better than eastern made machines and 11 per cent better than any other machine made in the west. All machines were run under exactly the same conditions. I recommend the Queen to everybody inquiring which is the best, and especially to beginners."  
—John Bowen, Littleton, Colo., Colorado Poultry Fanciers Association.  
The Queen is built to run without trouble and to outpace other machines. Book free.  
**Queen Incubator Co.**  
159 Bryan Ave., Lincoln, Nebraska  
Ask for Free Book

superiority over them all.

"I am enclosing herewith check for the one you sent me some time ago, as per our agreement, and I am requesting you to ship four more of these immediately, by first freight. Two of these are for my own use, and two are ones which I have induced U. R. Fishel to buy, and I feel confident that he will give you further orders.

"Please get these out promptly and do not lose any time in the order as I am needing one of mine not later than the last of this week.

Yours respectfully,

J. C. FISHEL &amp; SON.

Hope, Indiana.

"February 7, 1916."

This is a pretty strong statement for J. C. Fishel to make and the "Standard" must be a remarkable brooder to draw such outspoken testimony from a man with his experience.

Why not write Mr. Fishel about it—

Just say you saw it in THE INDUSTRIOUS HEN.



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in Hens"

when they are fed

Swift's  
Meat Scraps

Experiment Stations have proved that Laying Hens must have meat. Swift's Meat Scraps are fresh meat dried, ground and handled in the most sanitary manner. Inspected by U. S.

Government Officials, therefore clean, pure and healthful. They make hens lay. For Free Sample and prices address

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## ANCONAS

Several hundred head large vigorous ANCONA HENS AND LAYING PULLETS from heavy laying trap-nested pens. Hatching eggs and twelve weeks old pullets and cockerels. Cockerels and pullets from individual matings. Records as high as 243 eggs (official).

Cocoa S. F. Travis, Jr. Florida

or ask the Buckeye Incubator Co. to send you a catalog?

Don't fail to start a classified advertisement in the March issue. We can sell your surplus stock and eggs for you at a small cost.



# SOUTHWESTERN NOTES AND COMMENTS

BY S. J. HOPPER, Dallas, Texas  
Former Editor Southern Poultry Journal.

## Texas Alive.

THE State of Texas through its Extension Department of the Department of Agriculture has at last been keenly stirred to the possibilities of thoroughbred poultry breeding. It took a long time to wake them up but they are beginning to get there with both feet.

One of the most important steps they are now taking is to establish at least one demonstration plant in the populous counties, then form a county organization composed of the 'fanciers' and other breeders of poultry culture. One of the chief objects of this county organization is to hold field meetings at frequent intervals in the various towns of the county where all of the advantages of raising thoroughbred poultry over raising mongrels is discussed by breeders of poultry who have made a study of the matter. Naturally one of its objects is to assist in the proper marketing of their product. Affiliated with the Dallas county organization is the Dalco egg club. This organization guarantees every egg sold by its members to be absolutely A-1. As the eggs are stamped with the name Dalco and the registered number of the member selling them, the first time a member seels a bad egg, it is easy to trace and a satisfactory explanation must be made or that member is expelled. In all of the time they have been operating there has just been one bad egg sold. Because of this, these eggs are bringing prices from 25 to 50 per cent above the regular market and people cannot get them all the time at that.

Lots of fanciers have overlooked the fact that the very foundation of thoroughbred poultry culture rests on its utility value. The writer recently heard a horse breeder in the course of his address, make a statement that should appeal to the breeder of thoroughbred poultry. That it applies to them with every force I am convinced. The statement was this: "Whatever you do, have a purpose in view and remember that nothing will have a constant sale unless it rests on the foundation of having a practical value. That a man who was raising horses for family use should carefully consider what the people who buy them want and see to it that the horses they produced and sold fulfilled those conditions."

In raising poultry remember that whatever else you breed into your strain, you must breed them so that they will have some practical value. Weeding out the poor layers in a flock does not necessarily hinder the development and increase in the perfection of either feather coloring or standard type. The idea that it takes a long bodied hen to lay has long since been exploded. That idea prevailed as a theory until our government egg laying contests were started and then the theory went into the air, just as actual experience has disproven the soundness of lots of other theories. The same principal of breeding that brings per-

fection in one line brings it in another. Whatever principal of breeding that has made it possible for the market egg man to fill his basket fuller on a given number of hens and at a less cost of feed or produce more pounds of meat on the same carcass and at a less cost, was conceived and perfected by the breeder of thoroughbred poultry, commonly called the fancier.

The thing that makes it possible for the fancier to improve the quality of their poultry from the standpoint of the standard is that principle of breeding that intensifies the good qualities of the parent stock in their offspring. Without that principle the breeding of thoroughbred poultry would be at a standstill and the 200-egg hen an absolute delusion as well as all the other utility values of the fowls we now have be a dream. In writing on this subject seven years ago I said:

But you must always bear in mind that this system of breeding that intensifies the good points also intensifies the bad, consequently you must use exceeding care in selecting your breeders. You can easily improve the practical or utility value of your poultry at the same time you are improving the perfection in its plumage or shape. If you are

breeding Leghorns remember that they are bred for their laying qualities and that you can greatly improve their laying qualities by each year selecting your very best layers for breeders. You can also improve the laying qualities of any other variety by the same process. Along this line comes a question that was asked the writer the other day. That was, can a man breed the inclination to set out any of the American varieties? Among your breeders you always find those who want to set less frequently. If you will take such a hen and break her up immediately after she takes to the nest, mate her to a male out of a hen of the same tendency and keep that process up year after year, it is certain that one could establish a strain of any variety that would set as seldom as the Leghorn. To convince you that this is a positive fact, I will call your attention to the process by which any other characteristic is bred into a variety. I will also call your attention to the fact that all men of science will tell you that if you will bind a man's arm to his body generation after generation that you will eventually produce a family of men without that arm. This principle of breeding that enables a man to make out of his strain what he will is a great blessing in the hands of a man who knows how to breed, but in a man who does not

**PIGEONS PAY**  
Better Than Chickens  
Young pigeons (squabs) bring 40 to 60c each when 3 to 4 weeks old. Big demand in city markets. Each pair of pigeons easily clear \$4 per year. Always penned up. Very little space and money needed to start. Free Book explains all. MAJESTIC SQUAB CO., Dept. 57 ADEL, IOWA.

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## Eggs and Baby Chicks



from Fogg's S. C. White Leghorns will produce you profitable layers and birds of high quality. One breeder writes, pullets he raised from day old chicks we furnished laid over 60 per cent during winter months. Safe delivery of chicks and eggs guaranteed. Eggs guaranteed 90 per cent fertile. Send for mating list today.

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Dr. LeGear's Lice Killer is the prescription of an expert Veterinarian who is also an expert poultry raiser—the stand-by lice remedy of poultry raisers everywhere. In large sifter top cans; you can dust bird with it conveniently and thoroughly, no waste. Buy a trial 25c can of

## Dr. LeGear's Lice Killer

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One for  
every curable  
ailment



know the principles of breeding it works to his downfall. This is because of the fact that the same principle that intensifies the good qualities also intensifies the bad qualities. If you mate together weak and sickly specimens their progeny will be poorer layers than the parent stock. The same might be said about any other undesirable characteristic that your poultry may have. This makes it very necessary that you should know just what are the defects of your stock and you cannot know what are the defects unless you have a Standard of Perfection. We do not say this because we are anxious to sell you a Standard of Perfection, for there is not enough profit in the book to push the sale of it; in fact, poultry papers would not handle them if it were not because they are so necessary to the breeder. If you want to get down to breeding poultry along intelligent lines, get you a Standard, for you not only can not raise poultry according to the Standard requirements, but you cannot know whether you are selling poultry that is correctly marked without this book. The book sells for \$1.50. We are using our best efforts to increase our circulation by September, and are now allowing agents liberal premiums. If you will send us six subscriptions, at 50 cents each, we will send you this book free.

#### Fort Worth Show.

The show at Fort Worth, Texas, held in connection with The International Feeders and Breeders show, March 11 to 18, closes the 1915-1916

show season. For years this has been one of the very best shows in the State. It is good from two standpoints. In the first place the quality of birds shown there and the number of them are sufficient to give it a tremendous prestige. In the second place West Texas is one part of the State where it may be said that the interest in poultry culture is keener than in any other, and that more West Texas folks attend the Fat Stock Show than attend any other public exhibition in the Southwest. We might say, thirdly, that the West Texas folks generally have the money to buy what they want. This year, the show is to be a free show so far as admission is concerned and a big money show so far as the prizes offered are concerned.

Walter Burton, Arlington, Texas, who has been superintendent of the poultry show held in connection with the State Fair of Texas for a number of years, has been secured to run this Fort Worth show. He advises us that he has never received as many requests for a premium list of any show as for this one and that the money is on hand to pay all the prizes. As the Southwest presents the very best territory for the sale of either stock or eggs of any in this country, making an exhibit at this show will be profitable to any breeder, North or South. Mr. Burton will be glad to send a premium list to any one anywhere.

#### Texas Breeders Poultry Association.

The Texas Breeders Poultry Association, succeeding the Texas Branch of

the A. P. A. is out after members good and strong. They have convinced the leading breeders of the State that there is work to be done in this State by a strong State organization. At the present time prospects are brighter than ever before. They have the backing of all State institutions and several local commercial organizations. They have been appealed to by most of the breeders of the State to hold a poultry show because of the backing they have. This matter is under advisement. Col. R. L. Penick, the president has even more than a Statewide connection with the business men and believes that he can get enough financial backing to make a show held in Texas rival any held at any point in the U. S. Mr. Walter Burton has the experience to pull off this show, so it is altogether probable that we will have a show in the State the coming season that will be of national importance.

If you will send us one new subscription to the *Industrious Hen* we will give you a copy of "Poultry Diseases and Their Remedies" free for your trouble.

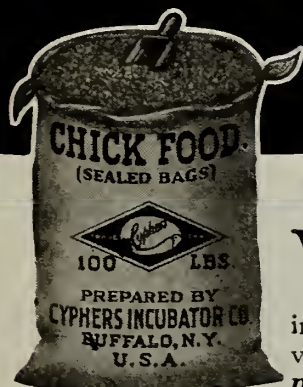
#### BARRED PLYMOUTH ROCKS

With a record behind them, 46 ribbons, 6 silver cups, 2 gold specials and sweepstakes pullet at two shows is my record this season, 1915, at Bennettsville, Darlington and Sumter. Some good stock for sale. Eggs \$3.50 and \$5 per 13. Incubator eggs \$7 per 100. Write me your wants.

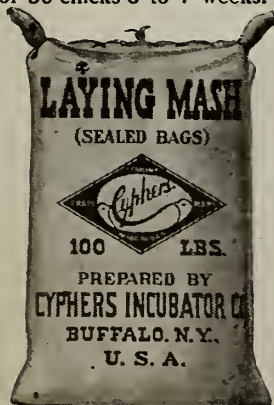
L. C. BREEDEN

BENNETTSVILLE, South Carolina

## The Best Methods—The Best Foods Insure the Best Results



This 100-lb. bag of Chick Food will feed 100 newly-hatched chicks 4 weeks, or 50 chicks 6 to 7 weeks.



A Properly-Balanced, Easily Digested Food for Hopper and Wet Mash Feeding. Gives More Eggs.

### The "Cyphers Way" of Feeding

**WHAT TO FEED**, how and when to feed—this is a vital problem of successful poultry raising. For 20 years Cyphers Company has devoted much time and money in testing different methods and rations for rearing *chicks*, developing sturdy *breeders*, heavy *layers* and all kinds of *market poultry*—broilers, fryers, roasters, capons, etc. It was for this important work that we established our 50-acre \$85,000 Experiment Poultry Farm. Here we have *carefully tested* different feeding methods and systems—*developing* and *perfecting* those giving the best results. The "Cyphers Way" of feeding, and the "Cyphers Balanced-Ration Poultry Foods" are the *net results* of this valuable work and long experience.

### Cyphers Special-Purpose Foods

*Chick Food, Developing Food, Growing Mash, Fattening Mash, Laying Mash, Scratching Food, Fertile-Egg Mash and Meat Scrap.*

### Start The Chicks Right

Hundreds of thousands of chicks *die annually* as a result of *incorrect feeding*. This tremendous and *unnecessary* loss could and should be avoided by the use of properly-balanced, granulated, dry-grain chick food. The use of wet mashes, sour food and guess-work, coarse-grain or by-product mixtures that contain waste materials possessing but little food value, invites *bowel trouble*, *leg weakness*, *stunted growth* and *heavy death loss*. Cyphers Chick Food is composed solely of sound, sweet, nutritious, evenly-granulated grains best suited to the needs of the growing chick—insuring *chick health*, *rapid growth* and *even development*. For Current Price List, address our nearest Branch Store.

**CYPHERS INCUBATOR CO.,** Dept. 753, Buffalo, N. Y.  
New York City Boston Chicago Kansas City Dallas Oakland



### Send for This FREE Book

This book fully describes and illustrates the "CYPHERS WAY" of feeding fowls for profit. Tells how to produce Broilers, Fryers, Roasting Chickens and Capons; also exactly how to feed the Layers and Breeders. 32 pages, 7½ x 10 inches. One *Free Copy* on request to any address. Get this book now for this season's work and profits. A postal will do.





# TURKEY & WATER FOWL

## DEPARTMENT

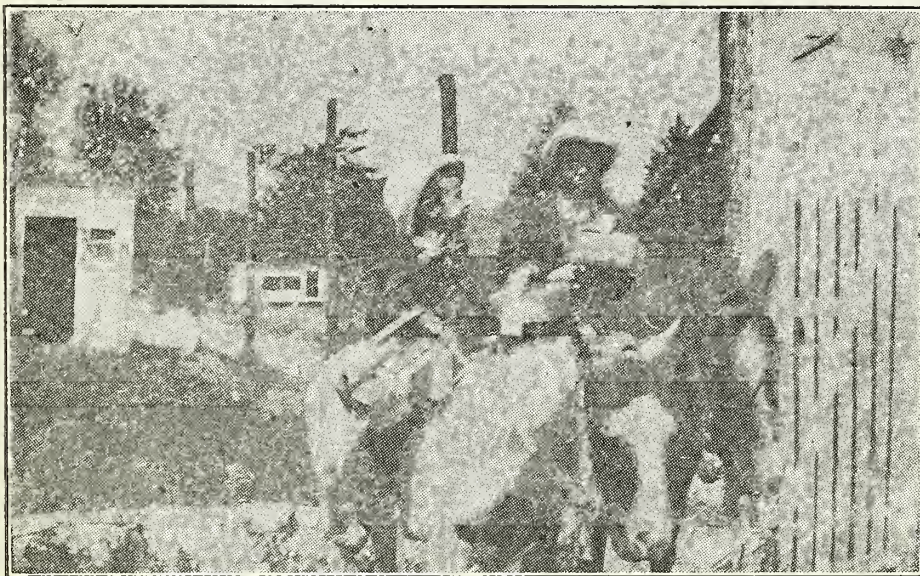
This department is conducted by Mrs. J. C. Shofner, Mulberry, Tenn., and any questions that you wish to ask will be answered through this department, if addressed to Mrs. Shofner. If a personal reply is wanted, enclose a stamped envelope.

### Mating Mammoth Bronze Turkeys for Best Result in Offspring.

This is one of the most important features in raising turkeys of any kind, but I mention M. B. from the fact I have never raised any other variety.

First we must see that the birds we select are perfectly healthy, of typical shape, long, deep bodies, large feet and shanks, large head, especially in tom, with commanding coarse gobble. My experience has been that the toms give more than half the size of the flock. I remember about ten years ago I experimented a little on a pen of small, late pullets I had left over and knew they

as free from this defect as possible, for instance if tom has bad penciling or black bands are weak, females should be selected strong in those sections to overcome this defect in offspring. I have selected a great many flocks and pens for my customers this way, with excellent results, also for this reason I keep two unrelated flocks, as there is no breed of fowls that suffer so much from inbreeding as does the turkey. We must introduce new blood in some way, either by getting a new tom, or to buy a nice hen, unrelated to the flock you have, and use toms from this hen, crossed with pullets of other part of flock, or one can buy a breed hen from some good



A Pony Express with shipment of eggs from Cedar Hill Poultry Farm, Cumberland City, Tenn. See ad in this issue.

would not bring anything scarcely, to sell by weight on the common merchant's market, so I bought a large frame cockerel, no relation to the pullets, thinking if I raised any from this pen they would do to sell on the market the next fall if the production was not good enough to use in my trade, as they were all thoroughbred birds. To my very pleasant surprise I raised forty-seven young turkeys from this pen of seven pullets and one tom, large nice turkeys, with the parent stock better the second year than the first, because these late pullets had long legs and good long bodies—and had now developed into large, nice hens. The first year they laid ten or fifteen days earlier than they did the second year, because 'tis a pullets nature to lay earlier than a yearling or two-year-old hen, and a late pullet will lay earlier than a more matured one—but the poults are not so strong and the loss is greater in raising them—hence we want well matured pullets or hens if they are obtainable. I also want a large, strong, vigorous cockerel or yearling tom that has correct shape and plumage, if tom is deficient in any section of plumage the females should be selected

breeder and get entirely unrelated stock to their flock. Inbreeding weakens the young, diminishes size, lets in disease by this weakness. The perfect turkey has never been hatched or raised, but we should strive to get them as near perfection as possible by breeding in the most scientific way, reaching out for more size and more perfect plumage throughout all sections.

The egg trade, if shipped any great distance, is not very satisfactory, it seems that the germ tissues are so delicate, and the handling in transit is so rough that the hatch is not what it would be, were they handled more carefully. Eggs of any kind should be allowed to rest quietly for twelve hours after being unwrapped from packing, before placing in incubation. I have had customers to write me that they had the old hen just ready when the eggs got there and put them right under her as soon as they came, but had bad hatch. Well the hatch possibly might not have been any better but I find the first plan more satisfactory for me. I never ship out any but fresh eggs, as they seem to stand the rough trip better, and if I have eggs that are not fresh I set them myself, as I'm sure they will hatch better for me than for my customer after shipment. In egg season I gather them every day, and begin turning each egg over every day, in doing this the yolk does not settle down to one side. This turning should be done gently, not in a great hurry and jolt them about and break the fine tissues.

### The Commercial Duck.

Bed heavily.

Keep the pens dry.

Ducks cannot stand filth.

Neglected ducks will make poor layers next season.

Bathing water affords excellent exercise for breeding ducks.

Bathing water and sandy soils are factors for cleanliness and thrift.

For culinary purposes, a duck egg contains about as much nutriment as two hen eggs.

Rankin, the duck king, claims that failures in the duck business can be traced to either incompetency or neglect.

Mr. Rankin says that duck culture is independent of the elements, affected neither by floods or droughts, heat or

### MAMMOTH BRONZE TURKEY EGGS FOR SALE

Do you want stock from the largest and finest in the South, from prize winners at Madison Square Garden, World's Fair, Nashville and many other great shows? Two flocks, unrelated, to select from. If so, write at once to



Mrs. J. C. Shofner  
Route 1  
Mulberry  
Tennessee

### S. C. WHITE LEGHORNS

A strain which won at the Great CHICAGO COLISEUM SHOW, 1913, 1st cock, 1st cockerel, 1st hen, 1st old pen, 1st young pen. These birds head my breeding yards this spring. Stock and Eggs for Sale. Satisfaction Guaranteed.

PAUL W. SCHULTZE,



LAUREL, INDIANA

### WHITE WYANDOTTES

Eggs for hatching from prize winning stock. Also a few nice cocks and cockerels for sale. I have won prizes at all of the shows that I have entered both this year and last. Write for mating list—FREE.

JOE AKERMAN,

Cartersville, Ga.



# CHAMPION S. C. BLACK MINORCAS

I have mated up five small, choice, all-star pens, headed by Madison Square Garden and Hagerstown prize males. Eggs \$3.00 and up. Write for mating list.

**R. H. ANDERSON**

Lynchburg,

Virginia

## SPAIN'S BARRED ROCKS AND MAMMOTH BRONZE TURKEYS

Have crowned themselves with glory, winning at Richmond, Norfolk and Madison Square Garden Shows. Look up my winnings in this issue and be convinced that I have the goods. My pens are all mated and if you want to be in a position to win at your next fall fairs or shows you should be getting some eggs to produce those winners. You cannot down these matings. They will certainly be seen in the coming shows this year.

"Port Norfolk, Va., Jan. 31, 1916.—Mr. E. C. Spain. Dear Sir: It gives me pleasure to write you that my exhibition cockerel, 'Conerel Bar,' that won second at Norfolk, Va., Poultry Show, Jan., 1916, was hatched from eggs purchased from you in spring, 1915. Yours truly, W. I. SPAINE."

This was Virginia State A. B. P. Rock Club meet, and shows that I sell from the same matings that I use myself. I make no reserve. Mating list on request. Eggs \$2 to \$5 per 15. M. B. Turkey eggs 50c straight. A few grand cockerels yet, either dark or light. Fertility running from machines test 85 to 95 per cent fertile. E. C. SPAIN, CHURCH ROADS, VIRGINIA

cold—a concentrated cash product turned every three months—it makes the best of any crop on the farm.

Ducks prefer staying out in their runs all night, and this is best for them during the summer season, but they are better protected in sheds or houses well ventilated during the winter season.

Davidson says a duck will eat almost anything from a shoe string to lath nails, but if good results are expected, good sound food, especially bulky food, should be given.

For the Cayuga duck it is claimed that there is nothing in the line of domestic water fowl that will equal it for flavor and delicacy of flesh.

As the duck has no crop, it does not assimilate and thrive on whole grain.—Poultry Topics.

### A Good Home from Poultry.

Appomattox, Va., Dec. 10, 1915.

Mr. L. J. Ellis,  
Eastern Agent N. & W. Ry.,  
New York.

Dear Sir:—In reply to your request I send you a few facts from which you can write up an article for paper if you wish. I am not sending this for notoriety as I have too much now, but I thought it might help some poor man to get himself a home and happiness.

I came here from West Virginia and I bought the two acres I now live on, on July 6th, 1905. I had less than \$1,000 when I came here. I paid \$550 for my property which had a five room house on it. I have improved my place with three poultry houses, one 14x50 and two 12x40 and two colony coops. One barn with concrete foundation 16x36. One concrete cellar 14x16 with one story honey house on top. One story brick incubator cellar, one tool and coal house, 12x20, 1½ story, also fifty foot bee shed. I enlarged and remodeled my dwelling from a five room house to ten rooms and put in water works with bath fixtures, etc., with large double front porch. I have put out most all kinds of fruit trees. I have produced about 5000 dozen eggs, 3000 lbs. honey and canned 1000 quarts of fruit and vegetables this year. I have ½ acre of garden from which we raise all we need for the whole year, such as Irish potatoes, cabbage, snapp and butter beans, etc. We usually raise two crops of Irish potatoes and cabbage, etc., per year on the same ground. We have plenty of fruit every year for our own use and much to sell. I have about ½ acre in alfalfa which I cut five and six times a year.

My health was very poor when I came here but with the best of water and pure

Special inducement to readers of the Industrious Hen. Reduced prices on S. C. White Leghorns eggs and chicks.

## M. G. Sanger & Son

Mt. Solon, Va.

### KENNEY'S GIANT S. C. WHITE ORPINGTONS

Winners at the best shows all over the South. We are offering special bargains in both old and young stock. Get our prices on MAMMOTH BRONZE TURKEYS, either show or breeding birds. Also eggs for hatching and baby chicks.

MRS. WALTER KENNEY, ROUTE No. 1 PARIS, KENTUCKY

air and lovely climate I improved quickly and have had excellent health the most of the past ten years. I am very well satisfied with the home God has given me.

Yours truly,  
(Signed) G. N. LEWIS.

EDITOR'S NOTE:—We publish this letter just to show you what can be done in this section when poultry and fruit is combined and worked on the same line that has brought Mr. Lewis his success.

Calhoun's Poultry Farm, Home of Calhoun's S. C. White Leghorns.

Calhoun's Poultry Farm, Morristown, Tenn., is the largest and most completely equipped of the hundred or more commercial egg farms in the Morristown district, specializing in sterile market eggs, baby chicks, eggs for hatching and quality breeding stock. The farm now has over a thousand layers, five hundred unrelated breeding fowls and a capacity of twenty-five hundred birds with present equipment. The incubating capacity is three thousand and the brooding capacity thirty-five hundred.

The farm is located on a beautiful southern slope facing one of the eastern suburbs of the city of Morristown. The laying houses, feed and machinery room, incubator and brooder houses, stretch across the center of the farm, midway between the southern line and the handsome grove of oaks and chestnut trees which cover four acres on the north side of the tract.

The main laying house is two stories high with a long one-story addition extending to the western boundary. The large area in front of the houses is divided into sectional runs sown to grass for pasture and with young fruit trees providing ample shade for the summer days.

The arrangement of the farm and buildings is such as to make for efficiency in management, greatly economizing time and labor by centralizing the fowls in one row of buildings, with the feed and storage house, packing room and incubator cellar in the center of the group. The homes of the proprietor and the superintendent are on the crest of the knoll above the poultry houses and just outside the edge of the woodland.

By careful breeding of selected, unrelated fowls, the general type of the Calhoun S. C. White Leghorns have become well known for excellent size, uniform plumage and standard laying qualities. Quality of product and satisfaction to every customer are the business building principles to which the proprietor devotes his personal and constant attention.



## DON'T KILL

the hens that lay the eggs—kill the loafers. The Potter System is a simple, certain method of picking the "layers" from the loafers or diseased hens. It is the greatest discovery of the century in the poultry world. Used and endorsed by over 50,000 satisfied poultry keepers. Saves food money and makes it possible to build up a flock of profitable egg layers. Keep less hens and get more eggs. Anyone can learn it in a few minutes and pick layers with absolute certainty.

One poultryman writes: "I had over 700 hens and after picking out the layers I had only 200, and am getting just as many eggs." Another says: "It pays to know the Potter System if you have only a dozen fowls." Ask for circular, which will be sent to you free.

### Potter Redybilt Poultry Houses



Houses \$16 Up.

## Don't Build

You can buy the famous Potter Portable Houses, Coops and Roosting and Nesting Equipment cheaper than you can build. Easy to set up and take

down. Complete Henneries Outfits (roosts, nests, etc.) \$3 up. Used over 10 years by thousands of successful poultry keepers. Makes it easy to start right. Get the best and save money. Send 4c stamps for 100-page book.

35 Hen Complete Potter Outfit \$6.60

POTTER & CO., 33 Forest Ave., Downers Grove, Ill.

### Ridge Spring Poultry Farm.

Winnings for 1915 on S. C. White Orpingtons: Lexington, Ky.—First and second cockerel; fourth and fifth pullet; first and third pen; silver cup for best display and special for the best bird in the class. Elizabethtown Fair—First, second and third in all single classes; sweepstakes for the best pen in the entire show and silver cup for best display. Kentucky State Fair—Third, fourth and fifth cock; second and fourth cockerel; third, fourth and fifth hen; third and fourth pullet; first, second and third pen; \$10 special for best display. At the Armory Show we won first hen, first cockerel and first pen.





This department is conducted by the Editor, 901-902 Great Southern Building, Louisville, Ky. If your birds are sick, write him. He will tell you through this department where your trouble lies. If you want a personal reply, send stamped envelope.

#### Feather Pulling.

Editor Industrious Hen,  
Louisville, Ky.

Dear Sir: I have some birds in my flock that have acquired the habit of pulling feathers, and eating them. Can you give me some advice on this subject, and how can I prevent it? It is possible that only one bird is causing the trouble.  
H. W. B.  
Jennings, La.

ANSWER.—It is hard to tell just why your hens have taken up this habit, but I believe it is from overfeeding without making the birds take proper amount of exercise. If you do not make the birds exercise and keep them at work at all times, they are liable to get bad habits when loafing. Keep a close watch for the one that is causing the trouble and remove her at once and sell on the market, unless she is a very valuable show or breeding bird.

#### Canker.

Editor Industrious Hen,  
Louisville, Ky.

Dear Sir: I have some Silver Wyandotte pullets that have a very peculiar disease to me, and I am at a loss to know what it is. Their mouths are full of white patches and in some cases they extend into the throat. Can you tell me what the trouble is, how I can cure them and is it contagious? Thanking you to answer this through your March issue.  
Shelby, N. C.  
W. B. H.

ANSWER.—Your pullets have canker, which is a very contagious disease. In treating these cases apply tincture of iodine to the white patches and continue until you got them cured. Isolate the sick birds and feed on soft mash moistened with sweet milk. If you will give prompt treatment to all sick birds you can soon effect a speedy cure. Disinfect the houses and yards twice daily.

#### Best Breed for South.

Editor Industrious Hen,  
Louisville, Ky.

Dear Sir: What do you consider a good breed for this extreme Southern climate and do you think this climate good for poultry raising? I expect to build up a large plant here in the next few years. Gradually increasing in size each year. Please answer through the next issue of your paper. Your paper is the best poultry paper in the South.  
Jacksonville, Fla.  
B. G. B.

ANSWER.—You will find that any breed of birds will do well in your climate. There is no better climate in the world for poultry raising than the South and in a few years the South will be producing more poultry and eggs than any other section in the United States. Build up your plant gradually and increase it each year as you gain more experience.

#### House Room for Layers.

Editor Industrious Hen,  
Louisville, Ky.

Dear Sir: How many layers will a house 36x12 feet accommodate? Reply through the Industrious Hen.  
Wilson, Va.  
N. W. W.

ANSWER.—A house 36x12 feet should easily accommodate fifty layers without overcrowding. Where the birds have large yards or free range this house will accommodate more. If such a house is to be used for a breeding house, I would advise dividing it up into three pens, each pen being 12x12

feet. Then place from ten to twelve females and one male in each pen.

#### Egg Eaters.

Editor Industrious Hen,  
Louisville, Ky.

Dear Sir: Several of my setting hens are eating their eggs. Is it because I am not feeding them right? Or do hens inherit the habit?  
A SUBSCRIBER.

Missouri.

ANSWER.—Hens learn the egg-eating habit by eggs accidentally getting broke. Some writers claim that the habit is the result of improper feeding. Nests should always be placed in a dark place and the eggs collected several times a day where the habit becomes established with one or more hens. Catch them and with a sharp knife trim the ends of the beaks to the quick and by the time it gets well the habit will have been forgotten. (Mrs. A. C. R., Littleton, Ala., please note above answer.)

#### Feeding Questions.

Editor Industrious Hen,  
Louisville, Ky.

Dear Sir: At what time in the day should a mash be fed to laying hens, and at what times should grain be fed to them? (2) What ingredients should compose the mash, and is it better to feed a warm or cold mash?  
Monroe, N. C.  
H. A.

ANSWER.—(1) A mash should be fed in the fore part of the day. The first feed in the morning should be a mash always. Feed

the grain in the late afternoon. This will keep the layers busy at work until roosting time and they go to roost happy and contented. (2) Mash should contain one part corn meal, one part wheat middlings, one part bran and one part ground oats. This may be fed either dry or wet with practically same results.

#### Indigestion.

Editor Industrious Hen,  
Louisville, Ky.

Dear Sir: I have some fine Buff Orpington hens that have the gape and I don't know what to do for them and as they are in a bad way I would appreciate it if you would write me a remedy by return mail. I am a subscriber to your valuable paper, the Industrious Hen. Yours for success,  
R. L. H.  
Harriman, Tenn.

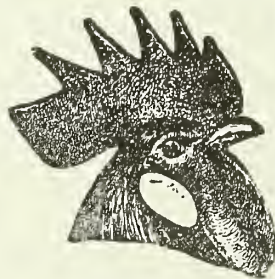
ANSWER.—Your hens haven't the gape, but instead a severe case of indigestion, or they may have the roup. Give them plenty of green food, also one tablespoonful of epsom salts to ten hens and do not feed so liberally on corn and other heavy grains. Keep them exercised and if they do not get better in a few days write me again with full particulars.

**\$3.98 Only** **READ OUR OFFER** **33**  
Presents **FREE** if you remit Cash with order. **SEND US \$3.98** Special whole-  
sale for One Box (50) of our Regular \$80.00 per thousand CIGARS—ten Cent Sellers which we want INTRODUCED QUICK, Staple Brands, and we give in SAME PACKAGE this S. & W. Mod. 32 or 38 Cal., REVOLVER, Safety POLICE—any length barrel at no Extra price, also Genuine Stem wind Watch worth \$3, together with 33 Additional Presents Free which we have not space to mention but consists of Knife, Scissors etc. if you send Cash with order. Will ship C. O. D. \$3.98 by Express or Parcel Post but you only get the REVOLVER as PREMIUM. No Examination can be had by Parcel Post, but can be EXAMINED by EXPRESS. If offer is not as we say return goods and we return your money—That's all. Name Express office. DIXIE CIGAR CO., Dep't. 43 Jacksonville, Fla.

## "MONTE VISTA" WHITE WYANDOTTES

We have left a few EXTRA CHOICE birds, both male and female, that we are offering at very ATTRACTIVE PRICES, in order to make room. Ask for our SHOW RECORD.

MONTE VISTA POULTRY YARDS,  
GREENVILLE, SOUTH CAROLINA



## For Sale—S. C. Brown Leghorns

I have several good breeding birds left to select from—Cocks, Hens, Cockerels and Pullets. Eggs from fancy pens \$3.00 per setting of 15 eggs; two settings for \$5.00. Other pens mated for good laying purposes \$1.00 per setting; \$6.00 per 100. Write for particulars. Old phone No. 24.

M. S. COPELAND,  
POWELL STATION, TENN.

R. F. D. No. 1

## LOCUST RIDGE POULTRY FARMS

### S. C. WHITE LEGHORNS

If you want birds that will win for you and keep your egg basket filled the year round, get my prices on breeding stock, eggs for hatching and baby chicks. We want your order, and remember our absolute satisfaction means our permanent success. Address

LOCUST RIDGE POULTRY FARMS  
ROCKPORT, R. No. 4. INDIANA



## Scaly Leg.

Editor Industrious Hen,

Louisville, Ky.

My Dear Sir: I have a Buff Plymouth Rock pullet that has something the matter with her legs, they are very scaly looking and they are very bad looking and I would like for you to please tell me the best remedy and what the disease is. Do you think it is very contagious, if at all? I enclose stamped addressed envelope for a personal reply. Please answer at once. Respectfully,  
B. M.  
York, Penn.

ANSWER—Your bird has a case of scaly leg, and you should begin now to stamp it out of your flock, for if you don't begin in time on it it will go through your whole flock. It is very contagious and the quicker you get rid

of it the better it will be. The best remedy that you can use for this disease is to procure a supply of Zenoleum and make an ointment of this and vaseline and apply to the legs until you get a cure. Use one part Zenoleum to fifty parts of vaseline.

## • A New Fence Book for Farmers.

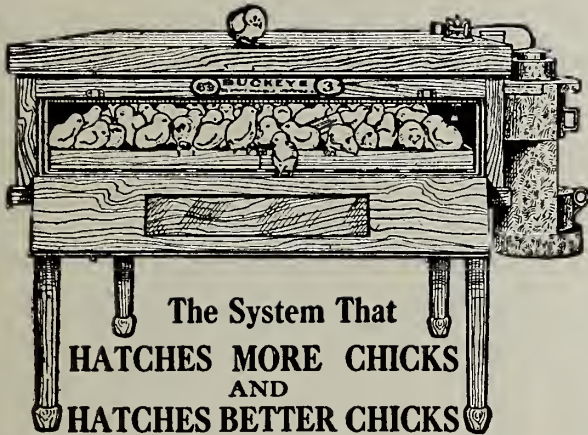
A great many of our readers have already sent in for the fine new catalog issued by the Brown Fence & Wire Co., of Cleveland, Ohio. This concern has been in business for thirty-three years and in that time has built up an enormous business among over 400,000 farmers. If you are in need of fence or gates for any purpose, you will do well to send a post card to this company for their 1916 catalog, which is just off the press. It contains 80

pages, shows over 150 different styles of fence and gates, quotes prices direct from factory to you, freight prepaid. It is one of the most interesting catalogs of its kind we have ever seen and will doubtless find a place in your home. We urgently suggest that you write for this new catalog today. By sending them a post card mentioning the fact that you are a reader of this paper, your request will receive prompt attention. Simply address the Brown Fence & Wire Co., Dept. 37, Cleveland, Ohio, and catalog will come to you by return mail. On pages 64 and 65 of this catalog you will find a new line of triple angle fence posts which will doubtless prove of additional interest to you.

Producer scratch feed produces eggs. See advertisement in this issue.

# "Buckeye"

"The Best Incubator Made"



Than any other incubator regardless of size, price or method.

Recognized by the largest breeders and the largest poultry supply dealers as the safest and surest incubator ever built. Every machine a guaranteed success.

FOR THE BIG BREEDER the 600 egg "Buckeye" will produce more chicks and stronger chicks than any big incubator you ever owned. We guarantee that. Operated with one lamp on a quart of oil a day and guaranteed to work perfectly in any temperature down to freezing.

FOR THE SMALLER BREEDER any of the other six sizes are guaranteed to do everything the big machine will do. Even the little 60 egg "Buckeye" at \$7.50 will hatch more chicks and better chicks than any other incubator—no matter what its cost.

## It's the Best Incubator Made

Not the cheapest incubator but the best.

It's the incubator that is built UP to a standard and not DOWN to a price. That's why the "Buckeye" is sold by more reliable dealers than all the others combined—that's why so many of the large, successful breeders will use no other. The "Buckeye" is sold by more than two thousand of the largest poultry supply dealers and there are over 400,000 in successful operation! Let us send you a list of some of the big breeders who use the "Buckeye" and their reasons for using it. Let us send you the names of the largest dealers and their reasons for selling it. Let us tell you about the wonderful success of the "Buckeye" system and why so many have tried to imitate it. The "Buckeye" is made in seven sizes—60 eggs to 600 eggs.

600 Eggs	-	-	\$50.00
200 Eggs	-	-	17.50
110 Eggs	-	-	12.50
60 Eggs	-	-	7.50

### SOLD ON 40 DAYS TRIAL

and guaranteed to hatch every hatchable egg.

Try a "Buckeye" in the same room with any other incubator and if it doesn't hatch more chicks and better chicks the first time you try it we'll take it back.

Write for "Buckeye" Catalog and Proof of "Buckeye" Superiority

**The Buckeye Incubator Co. 512 Euclid Ave. Springfield, O.**

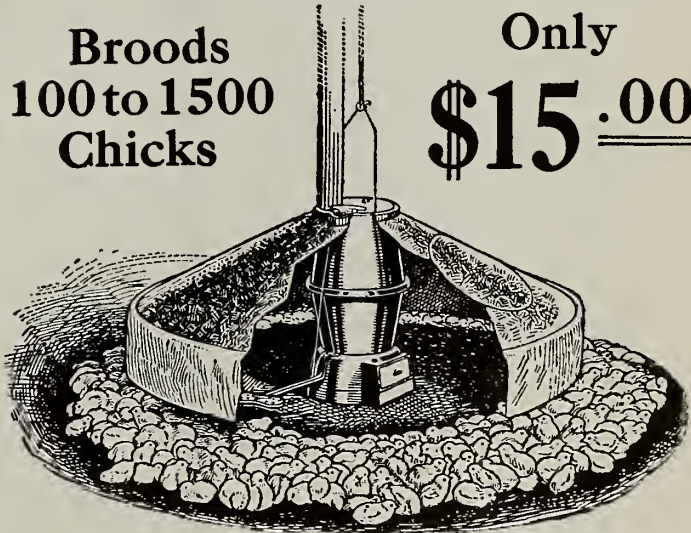
Note: Prices are a little higher west of the Rockies on account of freight rates.

# The Standard

## COLONY BROODER

Broods  
100 to 1500  
Chicks

Only  
**\$15.00**



## The Greatest Coal-Burning Brooder Ever Invented

Self Feeding—Self Regulating—Everlasting. Heavy cast iron stove that requires coaling but once in 24 hours in any temperature.

Fifty-two inch hover that will positively brood 1500 newly-hatched chicks.

## 30 Days Free Trial

The "Standard" Colony brooder is the most practical brooding device ever invented. It will do anything and everything that any other brooder will do and *do it better*. It is infinitely more satisfactory than brooders selling at twice the price. We are so positive that it can not fail that we will permit you to try one for thirty days and

## Write Your Own Money-Back Guarantee

Sold and guaranteed by dealers everywhere at \$15.00. Insist on the "Standard" and beware of imitations. Write us for a "Standard" Catalog and we will tell you how to grow three chickens where one grew before.



Most Poultrymen do not Realize Possible Profits.

—O. B. Andrews.

The poultry business of today is paying well. Throughout the country there is a clamorous demand for fresh eggs and fine chickens. This demand for fresh eggs and fine chickens. This constant shipping from producer to consumer has necessarily brought forth complications as well as methods for freighting and crating poultry and poultry products to market.

Poultrymen have long been using clumsy wooden crates for shipping breeders or fancy stock to poultry shows, or for marketing purposes. This is obviously the biggest drawback in the poultry business. Time, money and worry are wasted in building one of these crates, which is usually worthless after a single trip. Express rates are high because of the weight and necessity of clumsy handling. Shipping in wooden crates destroys more profits than disease.

The real cure for this waste has been found by many enthusiastic poultrymen. It is to use the Efficiency Coop, manufactured solely by the O. B. Andrews Company, of Chattanooga. These coops are decidedly cheaper in first cost. They are shipped compact and can be put together in a minute without hammer and nails, and, above all, they save express rates and can be used over and over again.

The Efficiency Hatching Egg Carrier is the strongest and safest carrier for all shipping purposes. Old-fashioned boxes, packed with sawdust and excelsior, often spoil fertile eggs through partial incubation, and are always clumsy and inefficient. The Andrews' carrier is strong, safe and light and does the work without frills.

Other efficient and handy apparatus for making poultry handling simpler and more economical is the Commercial Egg Carriers and Baby Chick Boxes. These are safe, reliable, inexpensive and great aids to the poultryman who puts quality in shipping as well as raising.

#### A Few Mountain View Farm Testimonials.

"The proof of the pudding is in the eating thereof." These people have eaten. Read what they say:

"Columbia, S. C., Jan. 19, 1916.

"Dear Sir: Birds to hand today. They are fine looking fellows. Will report results later. Yours very truly, S. H. Mellichams."

Mr. Mellichams is an old customer, having bought of us last year.

"Roanoke, Ala., Dec. 21, 1915.

"Mr. D. R. McBrayer, Mooresboro, N. C.  
"Dear Sir: We are well pleased with the cockerels bought of you. I got the large one and Mr. Bead one of the smaller ones. \* \* \* I would like to have your price on young hens in lots of 400 and 500. \* \* \* Yours very truly, B. F. Young."

"Rock Hill, S. C.

"Mountain View Farm, Mooresboro, N. C.  
"Dear Sir: I am in receipt of the six White Leghorn pullets you shipped me and thank you for same. They are beauties, and I am highly pleased with them. With kind wishes, Yours truly, M. G. Bryant."

"Pratt City, Ala., Dec. 13, 1915.

"Mr. D. R. McBrayer, Mgr., Mountain View Farm, Mooresboro, N. C.

"Dear Sir: I received the trio of Leghorns on the 6th inst. They came through in good condition and I am well pleased with them. \* \* \* As per your offer in your last letter I enclose postoffice money order for which please send me eight more pullets to complete my breeding pen. \* \* \* Thanking you for past favors, I remain, Very truly yours, W. C. Penny."

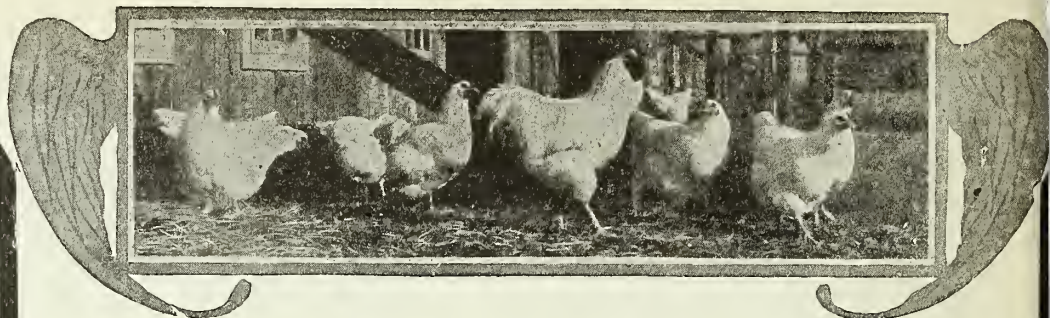
"Warsaw, N. C., Jan. 15, 1916.

"Mr. D. R. McBrayer, Mooresboro, N. C.

"Dear Sir: The Columbian Wyandotte cockerel received. He is just simply fine. I love him. Thank you for sending such a fine one. Respectfully,  
"Mrs. M. H. Wooten."

The above and many other testimonials on file in the office of Mountain View Farm show beyond doubt that they please their customers. If interested in any breed they handle look up their ad on inside front cover of this issue and write them at once.

Would you like to have a pair or pen of purebred birds? We will tell you how you can get them absolutely free. Don't delay, write us now.



## Big Profits and Pleasure in Raising Fine Poultry

### WE START YOU FREE

During the past year, hundreds of our friends have taken advantage of our splendid and liberal offers and have secured pure bred poultry and eggs absolutely free by spending a few hours of their spare time among their friends and neighbors taking subscriptions to the **INDUSTRIOUS HEN**. The work has been easy for them as they find it easy to get their friends to subscribe for the **INDUSTRIOUS HEN**, and many will consider it a favor, as they want to read a good southern paper. Read what these people have done. You can get the same free start and build up a paying and profitable business. Don't delay—but start now.

### SOME OF OUR PLEASED PATRONS

**BLAIR YOUNG PUBLISHING CO.,** Russell Springs, Ky., February 6, 1916.  
Gentlemen: I received as my premium one pair of Anconas, for making up a list of 12 yearly subscriptions, yesterday. Am well pleased with them. Wishing the **Industrious Hen** much success, I remain,  
Yours truly,

W. C. COMBEST.

Ensley, Ala., January 24, 1916.

Louisville, Ky.

**THE INDUSTRIOUS HEN,**

Dear Sirs: Am dropping you a few lines in regard to the pair of S. C. Black Minorcas received last week from Harley L. Williams, of Moultrie, Ga. They arrived O. K. Must say I am very much pleased with them and also to say I enjoy the **Industrious Hen**. I am,  
Yours very truly,  
2300 Pike Avenue.

O. A. FINLEY.

Etowah, Tenn., Jan. 15, 1916.

Louisville, Ky.

**INDUSTRIOUS HEN,**

Dear Sirs: Received the pair of White Orpingtons from Mrs. Kenney, Wednesday night, the 12th, and am highly pleased with same. Thanking you very much for securing these birds, I beg to remain,  
Yours very truly,

BEN H. MCGHEE.

Roanoke, Va., Nov. 20, 1915.

Louisville, Ky.

**THE INDUSTRIOUS HEN,**

Gentlemen: I received yesterday from the Catalpas Poultry Yards, Dry Ridge, Ky., the pair of Barred Rocks which you so kindly gave me for soliciting subscriptions for you. The birds are even finer than I expected to get, which goes without saying that I am more than pleased with them. I am not much of a judge of chickens, having just started to raise a few, but as far as I know, I think the pullet bred line that were sent me will give entire satisfaction. Thanking you and Mr. Steers for the favor and general promptness from both of you. I am sure that the birds sent are of the finest stock.  
Very truly yours,

H. E. MURRAY.

Winchester, Tenn., R. No. 6, Oct. 29, 1915.

Louisville, Ky.

**THE INDUSTRIOUS HEN,**

Dear Sirs: The pair of S. C. Rhode Island Reds reached me on the 19th all O. K. Am well pleased with them. Thanking you very much for securing such a good pair of birds, I am,  
Yours truly,

MRS. C. D. GRAY.

St. Elmo, Tenn., Nov. 2, 1915.

Louisville, Ky.

**THE INDUSTRIOUS HEN,**

Dear Sirs: I thank you for the Ancona cockerel received on last Friday, and wish to say that he is very satisfactory.  
Sincerely,

JNO. HARTLEY.

### FREE EGGS!

### FREE BIRDS!

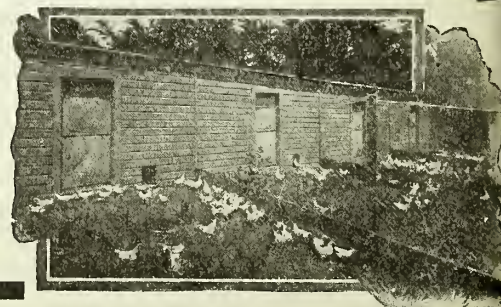
We will give you a pair, trio, pen or eggs for hatching, absolutely free. The stock to be selected by us from any breeder's yards who advertises in the columns of the **INDUSTRIOUS HEN**. You have choice of any variety. We want you to get your neighbors to subscribe for the **INDUSTRIOUS HEN**. Show them a copy of the paper and they will gladly subscribe and will thank you for suggesting it to them.

**OFFER—Eight yearly subscriptions—One Setting of eggs (15). Twelve yearly subscriptions—One Male and Female (pair). Twenty yearly subscriptions—One Male and Two Females (trio). Thirty yearly subscriptions—One Male and Four Females (pen),**

**WRITE US FOR SAMPLE COPIES AND PARTICULARS RIGHT NOW AND BE THE FIRST IN YOUR NEIGHBORHOOD TO GET SOME PURE BRED BIRDS.** The work is easy and you can get into a paying and profitable business and grow year after year.

## The Industrious Hen

912-913 REPUBLIC BLDG. LOUISVILLE, KY.





# Single Comb Brown Leghorns!

Winners at Louisville, Lexington, Ky., Knoxville, Tenn., New Albany, Ind., Hamilton, Ohio, Indianapolis, Ind., Augusta, Ga. Cockerels at \$3 and \$5 each; Pullets at \$2 to \$5 each. Exhibition stock special prices.

BONNYCASTLE POULTRY YARDS

LOUISVILLE, KY.



BREEDER OF EXHIBITION  
AND HIGH CLASS UTILITY

**WHITE** LEGHORNS  
WYANDOTTES  
REGISTERED AIRDALE TERRIERS

MAYWOOD WHITES  
ARE WHITE

Write for catalogue, breeding stock, baby chicks, eggs for hatching MAYWOOD POULTRY FARM, Box 141, ANCHORAGE, KY.

## WHITE PLYMOUTH ROCKS

We can sell you nice cockerels and pullets from \$1.00 to \$3.00, and guarantee satisfaction or refund your money. We want to please you. Eggs \$1.00, \$1.50 and \$2.00 per fifteen.

MRS. J. W. WESTACKER, R. R. No. 2 STANLEY, KY.

## GLORY ANNA S. C. WHITE LEGHORNS

Let us quote you prices on show breeding or utility birds. We can give you quality at reasonable prices. Winners at Indianapolis, Louisville, Lexington, Hopkinsville, etc. Get our catalogue and prices.

GLORY ANNA POULTRY YARDS  
550 South Fourth Street,

George E. Schulz, Prop.  
LOUISVILLE, KY.

### Leghorn Journal Quits Business.

J. R. MEADOWS, publisher of the Leghorn Journal, at Appomattox, Virginia has discontinued his paper with the explanation that a one breed journal could not be made profitable in that State. Having in mind his paid subscribers, he has arranged with this company to take over the subscription list and accordingly all Leghorn Journal subscribers will, beginning with this month, receive the Industrious Hen in lieu of the suspended publication.

All such subscriptions will expire with the original time for which they were paid, and unless renewed will be discontinued at the date of expiration.

This company assumes no obligations of the Leghorn Journal, or its owners may have had other than the fulfillment of subscriptions as herein above referred to.

We welcome the Leghorn Journal readers to the Industrious Hen. If you like our paper, tell your neighbor and friends about it.

### A Fine Book.

One of the Biggest, Little books that has come to our desk is the new book written by Prof. C. T. Patterson, of the Missouri Experiment Station for the American Poultry Association. This book is called "Twenty Lessons on Poultry Keeping." The book was written for the elementary grades of the public schools. The twenty lessons are on the "Origin and History of Fowls," "Characteristics of Fowls," "Breeds and Varieties," "Turkeys, Ducks and Geese," "Judging," "Housing," "Equipment," "Yarding and Fencing," "Feeds and Feeding," "Feeding the Baby Chicks," "Mating," "Incubation," "Brooding," "Enemies," "Diseases," "Care and Management." The book is printed on good paper, consisting of 96 pages, 55 illustrations and bound in cloth. It was printed by the J. B. Lippincott, of Philadelphia, edited by Frank B. Hering and copyrighted by the American Poultry Association. This is a book any poultry raiser would appreciate and will prove of great value to the beginner.—Big Four Poultry Journal.

### Rhode Island White Club Book.

The 1916 Year Book of the Rhode Island White Club of America is now ready to mail. The club is making rapid strides and the "Whites" are gaining popularity with fanciers, in the egg contests and in the show room. The book contains 68 pages pertaining to this breed and the workings of the club. It gives standard and drawings of the model birds and many other items of interest, which will prove helpful to every Rhode Island White breeder. The book is free to all club members. Any one else may obtain it by sending 25 cents to the secretary. Send \$1.00 membership fee and club dues to November 1, 1916, and receive the book free. For further information write the secretary, Mrs. C. M. Vertrees, Cecelia, Ky.

The American Buff Leghorn Club is now at work on their 1916 Year Book which will be sent free to any one asking for the same. The book will contain a wonderful lot of information about these egg machines and winter layers. All persons interested are requested to join at once and get their name listed in the coming book. Geo. S. Barnes,

## Blue Grass Scratch Feed

### Will Make Your Hens Lay

If your hens are not laying now it is your own fault. Your hens are now through their moult and should be laying. BLUE GRASS SCRATCH FEED is made from selected grains. If you supply her with the right kind of food for an egg maker, you will get the eggs—which means greater profits.

## Blue Grass Scratch Feed

when fed in deep litter so as to make the hens exercise, is bound to produce eggs. Give it a trial. We will be glad to send you samples and prices. Also let us quote you prices on CORN, OATS, WHEAT, MILLFEED or MIXED FEED of any kind from 1,000 pounds to carload lots. Quality and service guaranteed.

### HENRY FREUCHTENICHT

Hancock and Franklin Sts.  
LOUISVILLE, KENTUCKY

Battle Creek, Mich., will be glad to give you any further information.

## First Aid For The Chicks



The chick's first food must take the place of the natural insect food and seeds he would eat if he had the chance. Ordinary food causes bowel trouble and most losses of baby chicks.

## F. P. C. Chick Manna

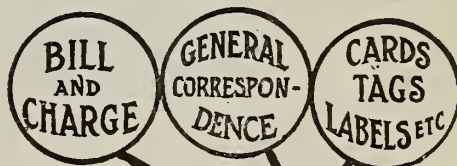
Standard Since 1884

brings chicks through first 10 days healthy and rugged and ready for common food. A perfectly balanced ration in general use with wonderful results since 1884.

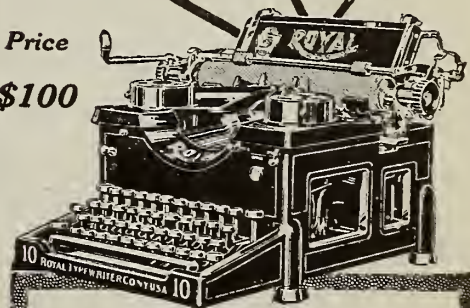
SATISFACTION OR MONEY BACK.

At your dealers or send to us for special price trial offer. Prepaid by Parcel Post.

F. P. CASSELL & SON.  
A 14 Main St. Lansdale, Pa.



Price  
\$100



## The Royal

does the work of several typewriters in one—it writes, types cards and bills! All this without a dollar for "special" attachments. The one machine does it all.

### Write Direct

for our new Brochure, "BETTER SERVICE," and a beautiful Color-Photograph of the New Royal Master-Model 10.

ROYAL TYPEWRITER CO. Inc.  
Royal Typewriter Bldg., New York



**S. C. BUFF LEGHORNS**

BRED TO LAY—RAISED TO WIN

At Armory Show, 14 birds won first pen, second young pen, first cockerel, second cockerel, first hen, third pullet. First exhibit I ever made there. Birds came off free range, untrained or washed. All first at Pennyroyal Fair at Hopkinsville. Stock for sale and eggs from these winners and others. Write

W. F. McREYNOLDS,

R. R. No. 3,

GRACEY, KY.

**1909 ANCONAS 1916**

Winners at Madison Square Garden, Philadelphia, Baltimore, and elsewhere.

Investigate my "EGG OFFER" whatever you do.

H. E. PORTRUM,

ROGERSVILLE,

TENNESSEE

**WHITE WYANDOTTES**

Tell me just what you want in White Wyandottes and I will supply you. Write for mating list.

LOUIS W. DEUTSCH,

3329 Rudd Ave,

Louisville, Ky.

**SUPERIOR  
SANITARY  
LAUNDERING**

WRITE FOR INFORMATION

*The "ORIGINAL"*  
**PARCEL POST  
LAUNDRY**  
LOUISVILLE, KY.

**THE POSTAGE WE PAY  
ANYWHERE IN THE U.S.A.**

THE ORIGINAL

**Parcel Post Laundry**

MAIN OFFICE: 628 W. JEFFERSON ST., LOUISVILLE, KY.

*Original and up-to-date, of progressiveness we boast,  
Since we first employed your Uncle Sam with his Parcel Post;  
Our Sanitary work will bring a smile--make happiness complete,  
It's Guaranteed. We Return it Prompt, packed secure and neat.  
Bundles fifty cents or over, the Postage Both Ways we pay,  
Write for Information (or better still), Send a Trial Bundle Today;  
Charge Accounts are opened to parties with reference,  
Tried once, this Laundry will always be your preference.*

Don't fail to read about the shipping coop without a nail, in this issue.

**FOR THE SOUTHERN FARMER**

The South offers the farmer, stock raiser, dairyman, fruit and truck grower every opportunity for the best paying farms and orchards to be found in the United States. The climatic advantages, the soils responsive to proper handling, the wide variety of profitable crops and the excellent markets at the farmers command favor him more than in any other section.

The Industrial and Agricultural Department of the Southern Railway and Associated Lines is maintained to build up both the agricultural and industrial interests of the territory these lines serve. Industrial and Immigration Agents cooperate with the people of the territory in its proper development.

The Agricultural, Farm demonstration, Live Stock, Dairy, Poultry and Horticultural Agents will help the new settler or the farmer already located in solving the problems of proper crops, soil treatment, methods of cultivation and other matters relating to crop improvement and crop making.

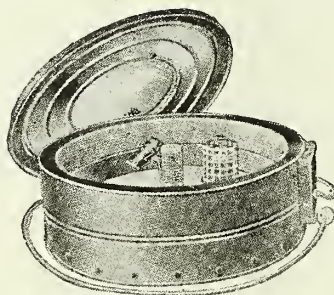
Market Agents will assist farmers in finding the best markets for their products. The South is second to no region as a field for profitable farming, no other part of the country has so fine opportunities for the farmer. No Southern man need look beyond his own section for all the advantages and opportunities he needs for the most successful farming.

M. V. RICHARDS  
Industrial and Agricultural Commissioner  
ROOM 51, WASHINGTON, D. C.

"Electric Hen" Now on the Job—Wonderful New Invention of Indiana Man.

Every day sees new tasks provided for electricity. There is a thought of romance about its use for lighting and the telephone, but in these latter days it prosaically draws our burdens, turns the wheels of factories, cooks our meals, sweeps and now comes along, shouldering old mother hen off her age old nest and says, "Here! I can do this better. Chase yourself and go lay some eggs for me to hatch."

Mr. L. R. Oakes, of Tipton, Ind., whose name is a household word among poultrymen



the world over, is the inventor of the electric hen, illustration of which is here presented. Mechanically it seems perfect as might be surmised from its being an Oakes product. It is unusually compact, exceptionally neat in design and nicely finished.

The heating system is remarkably unique. Lack of space prevents our going into details. Regulation of temperature is marvelous. Through a thermostat of special design the current is controlled on a variation of a small fraction of one degree. Permanence of the controller is assured by the use of genuine platinum contact points, although platinum now costs \$130 an ounce. Other conductive metals do not answer because they become rough and pit after use, thus giving imperfect contact and uncertain results.

Mr. Oakes has issued a little book which tells a lot of most interesting things about the electric hen. Any poultryman who has the use of electric current will certainly want to know more about this remarkable advance in artificial incubation. Write for a free copy and mention this paper. Address L. R. Oakes, Dept. 225, Oakes Mfg. Co., Tipton, Ind.

**American School of Poultry Husbandry.**

Poultry raising, like any other business, requires knowledge if you would be successful. The man or woman who starts a poultry plant without this knowledge is almost sure to meet with failure, whereas another with less capital and poorer equipment but who thoroughly understands the principles of poultry culture is almost bound to meet with success. Those who have failed with poultry have been those who thought it was so easy that nothing but the money to start it was necessary, while the most important thing of all is a thorough understanding of your business, knowing what to do and how to do it.

There is probably no business open to men or women of moderate means that offers bigger and better opportunities for making money than raising chickens. It is a clean business, a healthful occupation, keeping one outside in the great outdoors, bringing health, wealth and happiness. There is no deep science to learn, nothing hard or intricate or anything that the average man or woman cannot master, but there must be a thorough understanding of the principles and practices of poultry culture before you can hope to make a success.

How, you ask, is one to obtain this knowledge? Either through years of costly experience or through the combined knowledge of others who thoroughly understand the business and who have made a success of it. The latter way is by far the easiest, cheapest and quickest. The American School of Poultry Husbandry, at Mountain Grove, Mo., offers you just such an opportunity. Headed by Prof. T. E. Quisenberry, a man whose name is honored among poultrymen everywhere and who has probably done more for the poultry industry than any man in America, this school is prepared to give its students a training in poultry culture such as can be obtained nowhere else in the world. Practical, intensely interesting, easy and simple, their course of lessons taught by mail give you as complete a knowledge of poultry culture as it is possible to obtain.

With this opportunity to obtain a complete poultry education there is no excuse for any one to make a failure of poultry raising by going into the business unequipped with the proper knowledge. Every phase of the business is covered completely and you gain knowledge you can get in no other way. The men back of this school have made a lifetime study of poultry culture and are experts in this line. They are scientific as well as practical poultrymen and you get the benefit of their broad experience, wide investigations and countless experiments.

We feel that the success this school is making, the high standing of the men back of it justifies us in recommending it. We, therefore, advise any one who is interested in poultry raising to investigate the facilities afforded by the American School of Poultry Husbandry and to write them at Box 60, Mountain Grove, Mo., for a copy of their catalog. This will be cheerfully sent.

**Eggs in Winter.**

We wish to direct special attention from our readers to the advertisement of Swift's Meat Scraps, which appears in our columns for the first time this issue. Every reader of the Industrious Hen knows that meat is absolutely essential to profitable egg production.

Experiment stations have demonstrated this beyond question and practical poultrymen have proven it to their own satisfaction.

Swift & Co., in their numerous poultry food factories, have unusual facilities for producing the finest grade of commercial meat scraps from fresh meat residues obtained in their own packing houses.

If you own hens send Swift & Co. an order for a trial shipment of meat scraps. You will be abundantly satisfied with the result in eggs and dollars.

**Winnings Made by Mrs. C. M. Vertrees' Excelsior Rhode Island Whites.**

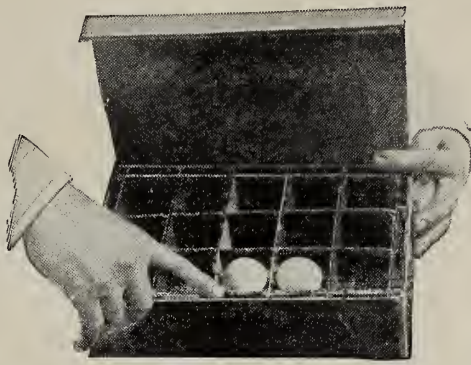
At Canton, Ohio, Dec. 27, to Jan. 1, with five entries, Mrs. C. M. Vertrees won in strong competition 1st cock, 1st cockerel, 1st hen, 2d pullet and 1st pen (beaten on pullet by a customer with an Excelsior bird). She also won silver cup for best cock, cockerel, hen and pullet of any one exhibitor. Her hen was considered by the Red breeders to be the best Rhode Island type of any bird (Red or White) in the show. At Panama-Pacific Exposition, two of her customers exhibited five cockerels and five pullets, and together won 1-2-4-7 cockerel, 1-2-4-6 pullet in classes of thirteen cockerels and fifteen pullets.

If you want results feed Producer scratch and chick feed.



# The Safest Way to Send Eggs

*Positive  
Protection*

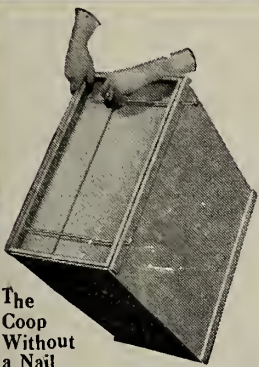


See That Air Chamber.

*"Ask the  
Judges"*

## Andrews' Efficiency Egg Carriers

Guaranteed to be the safest carriers you can buy. They protect every egg, prevent customers' complaints and stop allowances for breakage. The Hatching-Egg Carriers come all in one piece (top and bottom) and have double sides and ends which ease all jolts. Eggs stand on end. No special fitting to put box together. Gummed address label with every Hatching-Egg Carrier.



### Andrews' Efficiency Koop

"The coop without a nail." Top and bottom held by steel rods with pins at ends. No hammer needed. Come knocked down. Light—save express charges. Can be used over and over.

#### LOW PRICES

Single Koop ... \$3.00 half doz.  
Pair or Trio ... 4.00 " "  
Pen ... 4.50 " "  
Shipped only in half dozen lots.

### Hatching-Egg Carriers

15 Eggs.....	95c per doz.
30 ".....	\$1.60 " "
50 ".....	2.25 " "
100 ".....	4.20 " "

Shipped only in lots of two dozen, each size.

### Commercial Egg Carriers

One Doz. Size .....	50c per doz.
Two ".....	80c " "
Three ".....	\$1.10 " "
Four ".....	1.35 " "
Five ".....	1.60 " "
Ten ".....	3.10 " "

Get my low prices on Baby-Chick Boxes

For Sale by Dealers Everywhere

**O. B. ANDREWS COMPANY,**

THE WORLD'S LARGEST POULTRY SPECIALTY MANUFACTURERS

Box I.H. 303, Chattanooga, Tenn.

All Goods F. O. B. Chattanooga

BRUCE POULTRY & SEED CO., New Orleans, La., exclusive Agents for State of Louisiana

## White Plymouth Rocks

L. S. JAMISON, R. F. D. No. 11, Buechel, Ky.

### SUPERIOR STRAIN WHITE ORPINGTONS

On the three entries at the recent Armory Show, Louisville, Ky., we won: First hen, first cockerel, first pen and a number of specials. Utility and exhibition cockerels for sale reasonable. Mating list free. We guarantee to please you.

RIDGE SPRING POULTRY FARM, Mr. and Mrs. R. L. Willmoth, Rineyville, Ky.  
Box No. 20

## S. C. RHODE ISLAND REDS

We are ready to fill egg orders from our selected mating at \$2.50 per 15, or eggs from range flock at \$1.25 per 15. Special reduction on large orders. Also a few good pullets at \$1.00 each. Satisfaction guaranteed or money refunded.

G. E. TABB, ROUTE NO. 2, ELIZABETHTOWN, KY.

## SPECIAL SALE

On account of making some changes in business I am closing out my entire flock of Partridge Wyandottes, including some direct from the Sheffield Farms. First come, first served. Prices very low considering quality.

HARRY MCAFEE, LAWRENCEBURG, KENTUCKY



## S. C. White Leghorns

that are white  
and true to type

We can furnish you with high-class Utility or Exhibition stock, eggs, and baby chicks. Our birds have won the BLUES wherever shown. Write for list of winnings and 1916 matings—it's FREE.

## LAY-A-LOT LEGHORN YARDS

BOX H SHELBYVILLE, KY.

## WHITE CORNISH

MOUNTSVILLE FARMS, Mountville, Virginia  
(See classified ad on page 177)

## BUTTERMILK

Semi-Solid for Poultry or Pigs

Makes hens lay more and better eggs. Saves the lives of little chicks. Buttermilk, aside from the food value, keeps the bowels regulated and the chick in a perfect state of health which other feeds fail to do.

Buttermilk condensed to a "thick, jelly-like product," eliminating 84 pounds of water from every 100 pounds of buttermilk. You only pay freight on 16 pounds instead of 100. It is 98% digestible. The "Ideal Food" for little chicks and pigs.

#### Approximate Analysis

Protein 18%, Carbohydrates, (milk sugar) 21%, Ash or salts 4%, Lactic Acid 4%, and Fat 3%.

Write for Full Particulars and Prices

CONSOLIDATED PRODUCTS CO.

Dept. F 1029 W. Adams St., Chicago, Ill.

Incubators  
Incubator Stoves  
Brooders  
Fountains  
Poultry Remedies  
Dog Remedies  
Thermometers  
Leg Bands  
Feed Hoppers

Feed Supplies and Parcel Post Boxes  
FOR POULTRY, PETS AND GARDEN  
Complete Stock Write for Catalogue

HERMAN STRAUS & SONS CO.,  
LOUISVILLE, KENTUCKY

Wire Netting  
Automatic Feeders  
Egg Cartons  
Poultry Cartons  
Dressed Poultry  
Cartons  
Baby Chick Cartons  
Vegetable Cartons  
Garden Seed

### CLEAR QUILL STRAIN

## S. C. WHITE LEGHORNS

THEY LAY  
THEY WIN

Raise your own show birds. My strain will help you win. Grand Cockerels sired by Madison Square Garden and Chicago Winners, \$2, \$3, \$5, \$8, \$10 and up. Eggs from my prize winning pens, \$5 and \$3 per 15. Range flock, \$1.50 per 15. Write for mating list and sales sheet. Mention this paper.

C. R. HOPKINS,

McIntire, Iowa

Northern Iowa A. P. A. Show

PULLETS, 1, 2, 3, 4
COCKERELS, 1, 2
COCK, 2
PEN, 1
SPECIALS, 3

JANUARY, 1916

Just say you saw it in THE INDUSTRIOUS HEN.



# The Real Champions of America



PRINCESS EFFICIENCY

1st Hen and color special; Champion Female Barred Rock, Chicago Coliseum, Dec., 1914. Cut made from unretouched photograph.

At Hagerstown, Chicago, Chattanooga, Panama-Pacific Exposition, Memphis, Atlanta, New Orleans and scores of other shows, my birds have been judged by many judges and have made wonderful records. "ASK THE JUDGES" about

## ANDREWS' PREMIER STRAIN BARRED ROCKS

It is useless for you Southern Fanciers to send your money away from home and then get values which will not compare with what you can buy at home.

My pens are now mated up, and I am booking orders for eggs from these sensational champions at

**\$10**

per setting of 15

After winning throughout the South, I exhibited and won (defeating breeders of great reputation) at Hagerstown, Chicago Coliseum and Panama-Pacific Exposition, simply to show you that Andrews' birds, raised in the South, are the sensation of American Barred Rocks. Why not buy your eggs and stock at home and

get a square deal, in addition to securing blood lines from this wonderful strain

Send for Handsomest Poultry Catalog Published

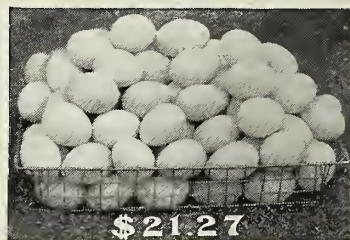
**O. B. ANDREWS, Box H 303 Chattanooga, Tenn.**  
Originator-Breeder America's Premier Strain Barred Plymouth Rocks

## Does This Look Good to You?



**\$3.00 HEN THAT LAYS \$21.27 IN EGGS IN ONE YEAR.**

This is why there is such an increasing demand for my Anconas.



## SHEPPARD'S FAMOUS ANCONAS

my birds have won three times as many first and second prizes at the Nation's greatest shows as all my competitors together, so have earned the distinction of being

Have won first at the world's greatest shows, including London, England, Cleveland and Madison Square Garden, N. Y. For seven consecutive years

### THE WORLD'S BEST

They are famous egg machines and the greatest winter layers, with the wonderful egg record of

**256 Average for a Flock**

If you want to win at your show or increase your egg production, write for a catalogue. Stock, eggs and chicks for sale.

**H. CECIL SHEPPARD.**

**BOX H-2**

**BEREA, OHIO**

## "BELLA VISTA" WHITE ROCKS

Whitened on Blue Grass Range, Exhibited at the Three Leading Shows, and Won as Follows:

**Central Palace, New York, 1915**—1-2 cock; 1-2 cockerel; 1-5 hen; 1 pullet; 1-2-3-4-5 pens.

**Armory Show, Louisville, 1915**—5 cock; 3-5 cockerel; 2 hen; 1-4 pullet; 1st old pen and 2nd young pen.

**Kentucky State Fair, 1915**—1 cock; 1 cockerel; 2-3-4-5 hen; 1-2-5 pullet; 1-3-5 pen.

A clean sweep at the Greatest White Rock shows in the country. Every breeding pen contains one or more of these winners.

### WE HAVE THE QUALITY

We will mate twenty breeding pens during the coming season for our egg trade and to hatch our winners from. These matings will contain all of our prize winners at the above shows. When you buy eggs from our yards, you get quality and the same eggs we hatch our winners from. Get our prices and description of matings before placing your order elsewhere, if you want the best WHITE ROCKS in the country.

**"BELLA VISTA" FARM,**

**LEWES P. DOERHOEFER, Prop.,**

**ANCHORAGE,**

**KENTUCKY**

First White Rock Cockerel at Kentucky State Fair, 1915.

80 Acres Blue Grass Devoted Exclusively to White Rocks.

